

## QUESTION BOOKLET



# Ph.D. Entrance Examination 2026-27

## 01. AYURVEDA SAMHITA & SIDDHANTA



DATE: \_\_\_\_\_

Name of the Candidate: \_\_\_\_\_

Roll No. of the Candidate: \_\_\_\_\_

Signature of the Candidate: \_\_\_\_\_

Signature of the Invigilator: \_\_\_\_\_

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- 1. In a population, Blood group is measured. What type of scale measurement is it?**
  - A. Interval
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  - B. SUGAMA
  - C. SAHYOG
  - D. BHAVISHYA
- 14. Refusal to participate at any point during the research process, as not signing a consent form, or may be verbally stated, or indicated by indirect verbal or non-verbal behaviors is known as \_\_\_\_\_**
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- 15. As a part of survey to understand the quality of healthcare facilities at AIIA, the Medical Superintendent asks, "How satisfied you are with hospital services?" The responses were recorded as "Very satisfied, Satisfied, Neutral, Dissatisfied, Very dissatisfied" The kind of scale being used here is \_\_\_\_\_**
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**16. A researcher has developed a new 10-item scale measuring anxiety in Alzheimer's patients. The Cronbach's alpha coefficient is calculated to be 0.60. How should the researcher interpret this?**

- A. The scale has excellent reliability & can be used immediately.
- B. The scale has low internal consistency & needs item refinement.
- C. The scale has good test-retest stability.
- D. The scale is measuring two different concepts.

**17. The metric, a researcher should use to measure how much their published paper is being discussed, shared, and cited on social media platforms like Twitter, Mendeley, and blogs, rather than just in formal journals is \_\_\_\_\_**

- A. Citation impact
- B. Altmetrics
- C. Source Normalized Impact per Paper
- D. g-index

**18. 'X' is a well-known industry in India, starts using a logo very similar to another familiar international brand, 'Y', causing confusion among consumers. What can 'Y' sue for?**

- A. Patent Infringement
- B. Trademark Infringement
- C. Copyright Infringement
- D. Trade Secret Theft

- 19. SCARE Guidelines are framed for \_\_\_\_\_**
- A. Reporting of Surgical Case Reports
  - B. Reporting Animal pre-clinical Studies
  - C. Reporting Observational Studies
  - D. Reporting Study Protocols
- 20. Schedule C of Food Safety and Standards (Ayurveda Aahara) Regulations, 2022 holds information on \_\_\_\_\_**
- A. List of Additives permitted in Ayurveda Aahara
  - B. Microbiological Standards for Ayurveda Aahara
  - C. Categories of Ayurveda Aahara and Regulatory Requirements
  - D. List of authoritative books for Ayurveda Aahara
- 21. Industry–research interface programme launched by CCRAS in collaboration with the Confederation of Indian Industry for advancing the scientific, industrial, & commercial ecosystem of Ayurveda is \_\_\_\_.**
- A. AMAR
  - B. SAHI
  - C. SIDDHI
  - D. e-MEDHA
- 22. In a clinical trial, the factor ATTRITION is referred to \_\_\_\_\_**
- A. Loss of enrolled participants over time
  - B. Documenting compliance to the interventional protocol
  - C. Taking consent from vulnerable groups of participants
  - D. Mechanism of ensuring safety during the trial period

- 23. An investigator conducting a KAP study in an academic institution announced in the class that, "Students who participate in the study will get a 5% bonus on their final exam, while those who do not will have to complete an extra assignment." This approach can be considered as \_\_\_\_\_**
- A. Reasonable incentive
  - B. An act of Coercion
  - C. Violating Confidentiality
  - D. Falsification of information
- 24. OECD Test 403 issues guidelines for conducting \_\_\_\_\_**
- A. Acute Inhalation toxicity
  - B. Repeated Dose Dermal toxicity
  - C. Genetic toxicity
  - D. Carcinogenicity
- 25. National Ethics Committee Registry for Biomedical and Health Research is managed by \_\_\_\_\_**
- A. Department of Health Research
  - B. All India Institute of Medical Sciences
  - C. Council for Scientific and Industrial Research
  - D. Ministry of Ayush
- 26. Internal validity of a study refers to:**
- A. Generalizability of results to other populations
  - B. Extent to which observed effects are due to the independent variable
  - C. Size of the study sample
  - D. Replication of the study in different settings

- 27. Which guideline is used for reporting diagnostic test accuracy studies?**
- A. CONSORT
  - B. STROBE
  - C. CARE
  - D. STARD
- 28. What is the purpose of adding an asterisk\* at the end of a word when searching The Cochrane Library?**
- A. Searches it as a phrase
  - B. Combines like or synonymous terms
  - C. Will search for variant endings
  - D. Narrows a search
- 29. As per the NDCTR-2019 Chapter-III, the Ethics Committees are required to maintain the documents related to the structure, composition, and functions for up to?**
- A. Three Years
  - B. Five Years
  - C. Seven Years
  - D. Lifetime
- 30. Carcinogenicity studies should be performed for all drugs that are expected to be clinically used for more than \_\_\_\_\_ months as well as for drugs used frequently in an intermittent manner in the treatment of chronic or recurrent conditions.**
- A. Six Months
  - B. Nine Months
  - C. One year
  - D. Lifetime

- 31. Drawing a small sample of blood for Testing in a research protocol involves the following risk category.**
- A. Less than minimal risk
  - B. Minimal risk
  - C. Minor increase over minimal risk or Low risk
  - D. More than minimal risk or High risk
- 32. A doctoral Ayurveda scholar receives an email from an *International Journal for Traditional Medicine* praising scholar's previous publication and requesting to submit a new manuscript within 5 days for a guaranteed "rapid peer review" for a processing fee of \$1500. The best response expected from the scholar in such condition is \_\_\_\_\_**
- A. Submit research outcomes immediately to get ahead of the fellow researchers.
  - B. Reply to the email to negotiate the fee.
  - C. Ignore the email and independently look up the journal's reputation on DOAJ.
  - D. Acknowledge to the sender and request for some time to submit manuscript.
- 33. If the weight of 1000 adult females follows a normal distribution, the percentage of females who have more than two standard deviations above the mean weight will be:**
- A. 0.5
  - B. 2.5
  - C. 0.01
  - D. 0.05

**34. In multiple regression analysis, the number of dependent variables should be:**

- A. Two
- B. Three
- C. No limit (any number of variables)
- D. One

**35. What is the purpose of the "ShodhShuddhi" initiative?**

- A. Enhance student enrollment
- B. Provide access to plagiarism detection software
- C. Promote research funding
- D. Generate an online Research database

**36. सति श्रोत्रादिसद्भावे शब्दादिग्रहणमिति is the example of which type of Shabda**

- A. Drishtartha
- B. Adrishtartha
- C. Satya
- D. Anruta

**37. यत्रैकदेशोदाहरणे क्रियमाणेऽनुक्तोऽन्योऽपि तज्जातीयकोऽर्थो लभ्यते। is mentioned**

**for which Tachhilya**

- A. Avayava (अवयव)
- B. Vikara (विकार)
- C. Samipya (सामीप्य)
- D. Samsaktata (संसक्तता)

38. सूत्रभाष्यप्रयोजनरहितम्| is mentioned for which Tantra Dosha
- A. असङ्गतार्थम्
  - B. विरुद्धम्
  - C. दुःप्रणीतम्
  - D. अप्रयोजनम्,
39. "एतत्तदमृतं साक्षात्" is the example of which type of kalpana
- A. भक्ष्यकल्पना
  - B. विद्याकल्पना
  - C. लेशकल्पना
  - D. गुणकल्पना
40. पौर्वाहिकः प्रयोगो नापराहिकः is mentioned for which Rasayana Yoga
- A. Amalaka Ghrita
  - B. Amalakavaleha
  - C. Amalaka Churna
  - D. Amalakayasa Rasayan
41. पित्तं वा पित्तगुल्मं वा ज्ञात्वा पक्वाशयस्थितम् What Chikitsa is indicated here -
- A. Satikta Ksheera Basti
  - B. Sransan
  - C. Virechana
  - D. Snehapana

**42. In which condition Pittaja Prameha is Sadhya**

- A. Sa-purva-rupa
- B. Adushta-medas
- C. Pradushta-medas
- D. Balavan-rogi

**43. For patients with Vata-dominant, in which season Langhan is indicated**

- A. Vasanta
- B. Shishira
- C. Sharad
- D. Varsha

**44. "वङ्क्षणाद्वृषणौ याति" is mentioned for which type of Shotha**

- A. Gulma
- B. Vriddhi
- C. Udara
- D. Anaha

**45. भुक्तं शोषयति is the Karma of which Rasa**

- A. Amla
- B. Lavana
- C. Katu
- D. Tikta

**46. यथेष्टविचारिणः is the characteristic of .....**

- A. Sukha-Ayu
- B. Dukha-Ayu
- C. Hita-Ayu
- D. Ahita-Ayu

**47. वातोन्मादे सन्नासनं is the example of which type of Upashaya**

- A. हेतुविपरीतार्थकारी विहार
- B. हेतुविपरीतार्थकारी आहार
- C. व्याधिविपरीतार्थकारी विहार
- D. हेतुव्याधिविपरीतार्थकारी विहार

**48. Which type of Dosha is - क्लेशयन्त्यातुरांश्चिरम्**

- A. Prakupita Dosha
- B. Tiryag-gata Dosha
- C. Ksheena Dosha
- D. Sanchita Dosha

**49. In case of Visuchika, treatment measures should start with.....**

- A. Vamana
- B. Virechana
- C. Langhana
- D. Stambhana

**50. As per Acharya Vagbhata देहस्थितिनिबन्धनम्| is related to -----**

- A. Rasa
- B. Rakta
- C. Oja
- D. Asthi

**51. Acc. To Sushruta, in a day Purvahna is related to which Ritu**

- A. Hemanta
- B. Shishira
- C. Vasanta
- D. Varsha

**52. Acc. To Sushrutacharya अस्कन्दि lakshana is seen due to which type of**

**Dushti**

- A. Vata & Kapha
- B. Vata & Pitta
- C. Pitta & Kapha
- D. Sannipata

**53. Acc. To Sushrutacharya अस्थि निस्तोद is the Lakshana of --**

- A. Mamsa Kshaya
- B. Meda Kshaya
- C. Asthi Kshaya
- D. Majja Kshaya

**54. Acc. To Sushrutacharya आटोप is the Lakshana of which क्रियाकाल ?**

- A. प्रथम
- B. द्वितीय
- C. तृतीय
- D. चतुर्थ

**55. Acc. To Charaka Samhita - A patient presents with a reddish, elevated, circular patch (pidaka) associated with itching. What is the diagnosis?**

- A. Dadru
- B. Kitibha
- C. Alasaka
- D. Pama

**56. According to the Charaka Samhita, a painless, cylindrical, hard swelling in the groin or axillary region associated with fever, caused by the vitiation of Vata and Kapha, is termed as:**

- A. Alaji
- B. Vriddhi
- C. Kaksha
- D. Vidarika

**57. According to the Charaka Samhita, तृष्णा, आलस्य, बलक्षय, अन्नस्य विदाह, चिरात् पाक and कायस्य गौरव - these features indicate?**

- A. ग्रहणी पूर्वरूप
- B. अतिसार पूर्वरूप
- C. अजीर्ण लक्षण
- D. कफज ग्रहणी लक्षण

**58. According to the Charaka Samhita, Water boiled with drugs of the Sthiradi Gana is recommended for drinking and for the preparation of food in:**

- A. Pandu Rogi
- B. Kamala Rogi
- C. Chhardi Rogi
- D. Arsha Rogi

59. Which Ghrita is indicated for Nasya, Pana, and Anuvasana in Vatavyadhi and is useful in five types of Kasa, ShirahShula, Kamparoga, Vankshaṇa and Yoni roga, Pleeha roga, Urdhva Vata, and diseases affecting the whole or part of the body?
- A. Trayushnadi Ghritam
  - B. Rasna Ghritam
  - C. Kantakari Ghritam
  - D. Pippalyadi Ghritam
60. Pramathya prepared of Prashniparni, Shvadamshta, Samanga and Kantakarika is useful in -----
- A. Vataj Atisara
  - B. Pittaj Atisara
  - C. Kaphaj Atisara
  - D. Sannipataj Atisara
61. तस्मान्नेषा मृदौ कोष्ठे प्रयोक्तव्या कदाचन | is mentioned for \_\_\_\_\_
- A. Danti
  - B. Sudha
  - C. Vatsaka
  - D. Jimutaka
62. Consuming खर्जूर, शालूक, कपित्थ, जम्बू, and बिस is contraindicated in \_\_\_\_\_
- A. Mutrakrichhra
  - B. Hridroga
  - C. Visarpa
  - D. Trishna

63. कठिन विवर्ण पिडिका, शयथु, हर्ष and पिपीलिकानां च सञ्चार are the लक्षण of .....

- A. रक्तावृत्त वात
- B. मांसावृत्त वात
- C. मेदसावृत्त वात
- D. मज्जावृत्त वात

64. According to *Acharya Charaka*, 'बिल्वोरुबूक' comes under which of the following category of *Aasava*?

- A. *Mulasava*
- B. *Phalasava*
- C. *Dhanyasava*
- D. *Sarasava*

65. Which *Acharya* started the *Mangalaacharan* with the verse 'असद्बोधतमश्छन्नसौश्रुताम्भोजबोधिका'?

- A. *Chakrapani*
- B. *Gayadasa*
- C. *Shreemadhav*
- D. *Bhaskar*

66. Which of the following is NOT included as a complication (*Upadrava*) of *Raktapitta*?

- A. *Shosha*
- B. *Shopha*
- C. *Pandu*
- D. *Kushtha*

**67. What is meant by 'Jigyasa' in Vada Marga Pada ?**

- A. Sandeha
- B. Iccha
- C. Pariksha
- D. Tarka

**68. In which prakriti "भीरु भीषयितारं" is found as characteristic feature?**

- A. Sarpa
- B. Paishacha
- C. Matsya
- D. Asura

**69. Who is श्रीनारायणदत्तात्मज?**

- A. Shivdas Sena
- B. Chakrapani
- C. Gayadasa
- D. Bhattarharichandra

**70. 'शालिः पयो निरुहश्च' is the management of ----- Vega Dharana according to Charaka Samhita.**

- A. Adhovata
- B. Mutra
- C. Purisha
- D. Shukra



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Roll No. of Candidate: \_\_\_\_\_

Signature of Candidate: \_\_\_\_\_

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13. A centralized digital platform created by the Indian Cybercrime Coordination Centre to expedite the removal of unlawful online content is \_\_\_\_\_
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14. Refusal to participate at any point during the research process, as not signing a consent form, or may be verbally stated, or indicated by indirect verbal or non-verbal behaviors is known as \_\_\_\_\_
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15. As a part of survey to understand the quality of healthcare facilities at AIIA, the Medical Superintendent asks, "How satisfied you are with hospital services?" The responses were recorded as "Very satisfied, Satisfied, Neutral, Dissatisfied, Very dissatisfied" The kind of scale being used here is \_\_\_\_\_
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17. The metric, a researcher should use to measure how much their published paper is being discussed, shared, and cited on social media platforms like Twitter, Mendeley, and blogs, rather than just in formal journals is \_\_\_\_\_
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  - B. Altmetrics
  - C. Source Normalized Impact per Paper
  - D. g-index

18. 'X' is a well-known industry in India, starts using a logo very similar to another familiar international brand, 'Y', causing confusion among consumers. What can 'Y' sue for?
- A. Patent Infringement
  - B. Trademark Infringement
  - C. Copyright Infringement
  - D. Trade Secret Theft
19. SCARE Guidelines are framed for \_\_\_\_\_
- A. Reporting of Surgical Case Reports
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- 36. Class I antiarrhythmic drug are**
- A. Na<sup>+</sup> channel blocker
  - B. Ca<sup>+2</sup> channel blocker
  - C. B blocker
  - D. K<sup>+</sup> channel blocker
- 37. Tiotropium is used for**
- A. Treating urinary retention
  - B. Treating ileus
  - C. Increasing salivation
  - D. Treating Asthma
- 38. Which of the following is not a Penicillinase resistant penicillin**
- A. Methicillin
  - B. Ampicillin
  - C. Cloxacillin
  - D. Dicloxacillin
- 39. According to Bhav Prakash Nighantu -----शीतं कषायाम्लं स्वादुपाक रसं सरम्। is related to which Dhatu**
- A. Swarna
  - B. Rajata
  - C. Tamra
  - D. Loha
- 40. The main purpose of TKDL is to?**
- A. Promote export of Ayurvedic drugs
  - B. Prevent wrongful patenting of traditional knowledge
  - C. Register trademarks for Ayurvedic products
  - D. Publish research papers on Ayurveda
- 41. The parenchymatous tissue is-**
- A. Dead
  - B. Thick Walled
  - C. Thin walled & Living
  - D. Made up of cellulose

- 42. Formula for therapeutic index is-**
- A. ED<sub>50</sub> /LD<sub>50</sub>
  - B. LD<sub>50</sub> / ED<sub>50</sub>
  - C. LD<sub>25</sub> /ED<sub>25</sub>
  - D. ED<sub>25</sub> / LD<sub>25</sub>
- 43. Which schedule under the Drugs & Cosmetic Act, 1940 lists Goods Manufacturing Practices (GMP) for Ayurvedic drugs?**
- A. Schedule H
  - B. Schedule M
  - C. Schedule T
  - D. Schedule Y
- 44. "तच्चूर्णं भक्षितं नित्यं निहन्ति यवनामयम् ।" This statement of Phalshruti refers to which churn?**
- A. Chaturbhadra
  - B. Trijataka
  - C. Panchkola
  - D. Chaturbeeja
- 45. According to Acharya Sharangdhar, what is the time of administration of medicine in Swasa, Kasa, and Hikka Roga?**
- A. Sabhakta
  - B. Sagrasa
  - C. Grasantar
  - D. Muhurmuhu (Repeated dose)
- 46. Book "The Ayurvedic Formulary of India" was published by ?**
- A. Ministry of Ayush
  - B. Council of Scientific and Industrial Research
  - C. CCRAS (Central Council for Research in Ayurvedic Sciences)
  - D. Ministry of Health and Family Welfare
- 47. Which of the following text is also termed as Annapanavidhi (अन्नपानविधि)?**
- A. Sushena vaidyaka
  - B. Kaiyadevanighantu
  - C. Madhavadravyaguna
  - D. Nighantu shisha

48. Which of the following drug amongst मूलिनी द्रव्य of Charaka is mentioned as फोकान्दी by Chakrapani?
- Vishanika
  - Ajagandha
  - Shanapushpi
  - Hastidanti
49. Which classical text has mentioned Vikashi and Vyavayi Guna for Vayaviya dravya?
- Charakasamhita
  - Sushrutasamhita
  - Ashtangasangraha
  - Ashtangahridaya
50. माषवत् फलमादिशेत् is stated as the effect of which of the Shamidhanya by Acharya Charaka?
- Masura
  - Adhaki
  - Avalguja
  - Atmagupta
51. According to Charakasamhita, Madanaphala should be collected between which of the following ritu
- Shishira-Vasanta
  - Vasanta-Grishma
  - Hemanta-Shishira
  - Sharada-Hemanta
52. Which of the following drug is described as कण्टकितमेषशृङ्गयुगाकारफला पाठापत्रा ईषद्रोमशा श्वेतपुष्पगुच्छा दक्षिणावर्तवल्ली by Dahlana while commenting Sushrutasamhita?
- शृगालविन्ना
  - कृष्णसारिवा
  - वृश्चिकाली
  - कपिकच्छु
53. As per National Medicinal Plants Board what is the ideal harvesting time for collection of roots of Shalaparni (*Desmodium gangeticum*)?
- 3 months
  - 6 months
  - 9 months
  - 1 year

- 54. According to API botanical name of Mahameda is ....**
- Habenaria intermedia
  - Polygonatum cirrhifolium
  - Malaxis acuminata
  - Fritillaria roylei
- 55. According to Ashtangasangraha लोधप्रियङ्गुपुन्नागलवलयः कुसुमोज्ज्वलाः is the Lakshana of which Ritu?**
- Vasanta
  - Grishma
  - Sharada
  - Hemanta
- 56. How many Rasas are mentioned by Hiranyaksha Kaushika in आत्रेयभद्रकापीय अध्याय?**
- 1
  - 2
  - 3
  - 4
- 57. Which of the following sequence about superiority of Rasa in Guna is NOT correct if the sequence is from superior to inferior?**
- Ruksha Guna – Tikta-Kashaya-Katu
  - Ushna Guna – Lavana-Amla-Katu
  - Laghu Guna – Tikta-Katu-Amla
  - Shita Guna – Madhura-Kashaya-Tikta
- 58. Which of the following plant is known as Indian Beech?**
- Latakaranja
  - Nirgundi
  - Kunduru
  - Karanja
- 59. Pandudruma is the synonym of**
- Karanj
  - Arjuna
  - Kutaja
  - Hijjala
- 60. According to Charak which Mahakshya is having Kokilaksh .**
- Vranya Mahakashaya
  - Sandhaneeya Mahakashaya
  - Sukrashodhana Mahakashaya
  - Mootravirechneeya Mahakashaya

- 61. According to charaka Dhadi is indicated in**
- A. Kaphaj vikara
  - B. Aruchi
  - C. Sheetapitta
  - D. Raktapitta
- 62. According to Sharangdhara Rakta Chandan should be used in the preparation of :**
- A. Avaleha
  - B. Aasava
  - C. Kashaya
  - D. Sneha
- 63. According to Bhavaprakasha which part of Paribhadra is indicated for Karna Vyadhi(Ear diseases)**
- A. Leaf
  - B. Flower
  - C. Stem Bark
  - D. Root
- 64. Mahanimba is :**
- A. Hima, Ruksha, Tikta and Grahi
  - B. Ushana, Ruksha, Tikta and Bhedi
  - C. Hima, Singdha, Tikta and Grahi
  - D. Ushan, Ruksha, Tikta and Grahi
- 65. As per Yogaratnakar, which of the following is considered as the substitute (*Pratinidhi Dravya*) for Rasna ?**
- A. Nirgundi
  - B. Kapikachchu
  - C. Bala
  - D. Kulanjan
- 66. As per Hemadri यस्य श्लथने शक्तिः स**
- A. Manda
  - B. Khara
  - C. Mridu
  - D. Vishada

**67. The following verse-**

**तत्फलं संसनं रुच्यं कुष्ठपित्तकफापहम् is related to which drug as described in Bhavprakash Nighantu ?**

- A. Haritaki
- B. Trivrit
- C. Amalaki
- D. Aragvadha

**68. According to Bhavaprakash Nighantu, *Shankhapushpi* is classified under which of the following Varga?**

- A. Guduchyadi Varga
- B. Haritakyadi Varga
- C. Pushpa Varga
- D. Karpooradi Varga

**69. As per Bhavaprakasha Nighantu, "*Bhootavrikshaka*" is a synonym of which of the following plant?**

- A. Vata
- B. Ashvattha
- C. Shleshmataka
- D. Bibhitaki

**70. Which OECD guideline is commonly used for acute oral toxicity testing?**

- A. OECD 407
- B. OECD 423
- C. OECD 452
- D. OECD 453





## QUESTION BOOKLET



# Ph.D. Entrance Examination 2026-27

## 03. KAUMARABHRITYA



DATE: \_\_\_\_\_

Name of the Candidate: \_\_\_\_\_

Roll No. of Candidate: \_\_\_\_\_

Signature of the Candidate: \_\_\_\_\_

Signature of the Invigilator: \_\_\_\_\_

**DO NOT OPEN THIS QUESTION BOOKLET UNTIL YOU ARE TOLD TO DO SO**

### GENERAL INSTRUCTIONS

1. IMMEDIATELY AFTER THE COMMENCEMENT OF EXAMINATION, YOU SHOULD CHECK THAT THIS QUESTION BOOKLET DOES NOT HAVE ANY UNPRINTED TO TORN OR MISSING PAGES OR ITEMS ETC. IF SO, GET IT REPLACED BY A COMPLETE QUESTION BOOKLET.
2. Please note that it is the candidate's responsibility to fill in the roll number, subject etc carefully and without any omission or discrepancy at the appropriate places in the OMR answer Sheet. Any omission/Discrepancy will render the answer sheet liable for rejection.
3. You have to enter your Name, Roll No and signature on the Question Booklet. DO NOT write anything else on the question booklet
4. This question booklet contains **70 Questions**. There are four alternatives for the answer to every question. 01 mark will be given for each correct response.
5. **PENALTY FOR WRONG ANSWERS:** There will be penalty for wrong answers marked by a candidate.
  - a. For each question for which a wrong answer has been given by the candidate, **one-fourth** of the marks assigned to that question will be deducted as penalty.
  - b. If a candidate gives more than one answer, it will be treated as a wrong answer even if one of the given answers happens to be correct and there will same penalty as above to that question.
  - c. If a question is left blank, i.e. No answer is given by the candidate, there will no penalty for that question
6. The duration of the Entrance Examination (for both parts) will be **75 minutes**
7. You have to mark all your responses **ONLY** on the provided OMR answer sheet.
8. After you have completed filling in all your responses on the OMR answer sheet and the examination has concluded, you should hand over to the invigilator OMR Answer sheet and Question Booklet.
9. Blank page at the end of the question booklet may be used for rough work.

- 1. In a population, Blood group is measured. What type of scale measurement is it?**
  - A. Interval
  - B. Ordinal
  - C. Nominal
  - D. Ratio
  
- 2. Selecting participants considering their availability at a particular time and place in research study is known as**
  - A. Convenient sampling
  - B. Purposive sampling
  - C. Snowball sampling
  - D. Stratified sampling
  
- 3. Median can be measured graphically using**
  - A. Scatter Diagram
  - B. Frequency Polygon
  - C. Cumulative Frequency diagram
  - D. Frequency Curve
  
- 4. A researcher was examining correlation between height of father and their son and calculated correlation coefficient as +1.007. What would be your reaction to this observation on correctness?**
  - A. Absolutely possible
  - B. Absolutely Impossible
  - C. Possibly Correct
  - D. Possibly Impossible
  
- 5. An observational study to establish cause-effect relationship between two or more factors observed under natural course is called**
  - A. Descriptive Study
  - B. Analytical Study
  - C. Randomized study
  - D. Intervention study

- 6. To conduct an incidence study, what type of study design should be used?**
- A. Cross-sectional Design
  - B. Cohort Design
  - C. Case-control design
  - D. Randomized control Design
- 7. Suppose you wish to measure the trend of responses of a treatment intervention longitudinally after 3-4 short, predefined observation periods. Which study design would be suitable?**
- A. Cross-over
  - B. Pre-Post
  - C. Sequential
  - D. Repeated Measure
- 8. The normal range of blood pressure reading 120/80 for systolic/diastolic comes from data observed on healthy persons. In statistical terms what does it indicate?**
- A. Statistical Threshold (Mean/SD)
  - B. Statistical Threshold (Mean and SD)
  - C. Statistical Threshold ( $SD \pm \text{Mean}$ )
  - D. Statistical Threshold ( $\text{Mean} \pm 2SD$ )
- 9. Results of binary response (Yes/No) of two different methods were cross tabulated, how to assess discordance between two responses by an appropriate statistical test?**
- A. ANOVA
  - B. Student independent test
  - C. Student t-test
  - D. McNemar Chi-square test

- 10. The cause-Effect relationship can be more certain in which study design?**
- A. Case Series
  - B. Cross-sectional
  - C. Cohort
  - D. Case report
- 11. The percentage of clinical status correctly classified as cases by the test is called**
- A. Positive predictive value
  - B. Negative predictive value
  - C. Specificity
  - D. Sensitivity
- 12. The trials which are conducted to prevent the occurrence of disease are called**
- A. Clinical trial
  - B. Laboratory trial
  - C. Prophylactic trial
  - D. Hospital based trials
- 13. A centralized digital platform created by the Indian Cybercrime Coordination Centre to expedite the removal of unlawful online content is \_\_\_\_\_**
- A. ASHTADASHI
  - B. SUGAMA
  - C. SAHYOG
  - D. BHAVISHYA

- 14. Refusal to participate at any point during the research process, as not signing a consent form, or may be verbally stated, or indicated by indirect verbal or non-verbal behaviors is known as \_\_\_\_\_**
- A. Debriefing
  - B. Dissent
  - C. Deception
  - D. Coercion
- 15. As a part of survey to understand the quality of healthcare facilities at AIIA, the Medical Superintendent asks, "How satisfied you are with hospital services?" The responses were recorded as "Very satisfied, Satisfied, Neutral, Dissatisfied, Very dissatisfied" The kind of scale being used here is \_\_\_\_\_**
- A. Nominal
  - B. Ordinal
  - C. Interval
  - D. Ratio
- 16. A researcher has developed a new 10-item scale measuring anxiety in Alzheimer's patients. The Cronbach's alpha coefficient is calculated to be 0.60. How should the researcher interpret this?**
- A. The scale has excellent reliability & can be used immediately.
  - B. The scale has low internal consistency & needs item refinement.
  - C. The scale has good test-retest stability.
  - D. The scale is measuring two different concepts.
- 17. The metric, a researcher should use to measure how much their published paper is being discussed, shared, and cited on social media platforms like Twitter, Mendeley, and blogs, rather than just in formal journals is \_\_\_\_\_**
- A. Citation impact
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  - B. Provide access to plagiarism detection software
  - C. Promote research funding
  - D. Generate an online Research database

- 36. The statement "कर्णमूले कर्णसमीपे चास्य बालस्याश्मनोः पाषाणयोः सङ्घट्टनं परस्पराभिघातं कुर्यात्" is described in which textbook?**
- A. Nibanda Samgraha Commentary
  - B. Ayurved Deepika Commentary
  - C. Sashileka Commentary
  - D. Charaka Chandrika Commentary
- 37. In Gudapaka in children (गुदपाके तु बालानाम्), which type of therapy should be administered?**
- A. Vata-pacifying therapy (वातघ्नी क्रिया)
  - B. Pitta-pacifying therapy (पित्तघ्नी क्रिया)
  - C. Kapha-pacifying therapy (कफघ्नी क्रिया)
  - D. Tridosha-pacifying therapy (त्रिदोषघ्नी क्रिया)
- 38. In which among the following disease management, Ghritapanam (घृतपानं) is to be done first?**
- A. Breast disorders (स्तनकीलक)
  - B. Mahāpadma (महापद्म)
  - C. Sanniruddha guda – anal obstruction (सन्निरुद्धगुद)
  - D. Vitiating of Vata (वातविगुणता)
- 39. The Denver Developmental Screening Test (DDST-II), a widely used tool, screens for potential developmental delays in children from birth to six years contains how many items in its test-**
- A. 121
  - B. 123
  - C. 125
  - D. 127

- 40. According to Acharya Kashyapa how many types of Basti Doṣha (बस्तिदोषाः) are described?**
- A. Eight (अष्ट)
  - B. Nine (नव)
  - C. Ten (दश)
  - D. Twelve (द्वादश)
- 41. Transient Tachypnea of Newborn (TTNB) is characterized by which of the following features?**
- A. Ground-glass appearance with air bronchograms and reduced lung volume
  - B. Hyperinflation with linear streaky perihilar infiltrates and flattened diaphragm
  - C. Patchy coarse opacities with areas of consolidation
  - D. Normal chest X-ray with severe hypoxemia
- 42. Which among the following in NOT a clinical feature of Shvagraha (श्वग्रह)?**
- A. Tremors (कम्प), sweating (स्वेद), eye closure (चक्षुर्निमीलनम्)
  - B. Tongue biting (जिह्वादंश), throat sounds (कण्ठकूजनम्), running (धावनम्)
  - C. Foul smell of stool (विट्सगन्धत्व), barking like a dog (श्ववत् क्रोशनम्)
  - D. Fever (ज्वर), cough (कास), vomiting (छर्दि)
- 43. A patient suffering from Charmadala (चर्मदल) presents with vomiting (छर्दि), thirst (तृष्णा), abdominal distension (आध्मान), edema (श्वयथु), hiccough (हिक्का), dyspnea (श्वास), and voice changes (स्वरभेद). What is the prognosis?**
- A. Sukha Sadhya (सुखसाध्य)
  - B. Krichhra Sadhya (कृच्छ्रसाध्य)
  - C. Yasya (याप्य)
  - D. Pratyakhyeya (प्रत्याख्येय)

44. **Sarapunkhadi Kashaya (शरपुंखादि कषाय) is indicated in which of the following conditions according to Arogya Raksha Kalpa Drum (आरोग्यरक्षा कल्पद्रुम)?**
- A. Grahaṇī (ग्रहणी)
  - B. Arśa (अर्श)
  - C. Atisāra (अतिसार)
  - D. Udara Roga (उदर रोग)
45. **Lesch-Nyhan syndrome is occur due to deficiency of which enzyme in children?**
- A. Aprataxin (AOA 1)
  - B. Junctophilin-3
  - C. Hypoxanthine-guanine phosphoribosyl-transferase (HGPRT)
  - D. Pantothenate kinase 2
46. **“Dvikishkumaatram liptaayaam balim datvaa chaturdisham”- According to Ashtanga Hridaya, this statement is related to which of the following childhood Samskara?**
- A. Nishkramana
  - B. Annaprashana
  - C. Upaveshana
  - D. Karna Vedhana
47. **A girl child presents with short stature, webbing of neck, shielded chest and increased carrying angle of elbow. The most likely Kayotype is-**
- A. 45, X
  - B. 47, XXY
  - C. 46, XX
  - D. 46, XXY

- 48. Liegh disease is associated with which type of inheritance?**
- A. Autosomal recessive
  - B. X-Linked dominant
  - C. X- Linked recessive
  - D. Mitochondrial inheritance
- 49. A 3-week-old male infant presents with non-bilious, projectile vomiting immediately after feeds. On examination, a small, hard mass is felt in the epigastrium. What is the most likely diagnosis?**
- A. Congenital Hypertrophic Pyloric Stenosis (CHPS)
  - B. Duodenal Atresia
  - C. Gastroesophageal Reflux Disease (GERD)
  - D. Intussusception
- 50. What is the basis for increasing drug dosage in children according to Sharangadhara?**
- A. Body weight
  - B. Age progression
  - C. Digestive capacity
  - D. Doshā predominance
- 51. Which of the following is NOT part of the package of essential services of the Integrated Child Development Services (ICDS) scheme?**
- A. Supplementary nutrition
  - B. Immunization
  - C. Non formal preschool education
  - D. Mid-day meal for primary school children

- 52. Which vaccine was introduced under the National Immunization Program in India as part of the pentavalent formulation in 2011?**
- A. Hepatitis B
  - B. Rotavirus
  - C. Haemophilus influenzae type B (Hib)
  - D. Pneumococcal conjugate vaccine (PCV)
- 53. The Quad screen test for Down syndrome includes the estimation of all EXCEPT one of the following in the maternal serum test in 2<sup>nd</sup> trimester.**
- A. Unconjugated estriol
  - B. Unconjugated progesterone
  - C. Alpha fetoprotein
  - D.  $\beta$ -hCG
- 54. Uteroplacental insufficiency in antenatal period may result in all EXCEPT-**
- A. IUGR
  - B. Fetal hypoxia
  - C. Increased vascular resistance in fetal blood vessels
  - D. Decreased vascular resistance in fetal blood vessels
- 55. Which period of organogenesis is most vulnerable to the teratogenic effects of drugs?**
- A. Up to 1–2 weeks after conception
  - B. Up to 8–10 weeks after conception
  - C. 12 weeks to 24 weeks of pregnancy
  - D. 25 weeks to 32 weeks of pregnancy

- 56. Which of the following disorders is caused by Genetic Imprinting?**
- A. Down syndrome
  - B. Turner syndrome
  - C. Klinefelter syndrome
  - D. Prader-Willi syndrome
- 57. A neonate at eight days was brought to OPD with poor feeding, vomiting, hypertonicity, and convulsions; investigations show elevated leucine in plasma and urine. Which inborn error of metabolism is most likely?**
- A. Galactosemia
  - B. Propionic acidemia
  - C. Medium -chain acyl- CoA dehydrogenase deficiency (MCAD)
  - D. Maple syrup urine disease
- 58. After the birth, the baby was exclusively on breastfeeding. On the 3rd day of life, the baby was brought to OPD with profuse watery diarrhea and perianal excoriation; on stool examination, the stool pH was <5.6 and positive for reducing substances. Find the possible cause from the following.**
- A. Rota virus infection
  - B. Necrotizing enterocolitis
  - C. Primary lactose intolerance
  - D. Maple syrup syndrome.
- 59. In the Aarogya Raksha Kalpadruma, what material is specifically mentioned for removing the applied mixture of Saindhava mixed with butter from the newborn's body?**
- A. Cotton cloth
  - B. Silk cloth
  - C. Woollen cloth
  - D. Coconut palm leaf

- 60. Recent paediatric oncology research shows that 'CAR-T cell therapy' is primarily used in children for:**
- A. Neuroblastoma
  - B. Acute lymphoblastic leukaemia (ALL)
  - C. Wilms tumour
  - D. Osteosarcoma
- 61. At what age a child will attain 'mature pincer grasp' fine motor skills?**
- A. 3 months
  - B. 6 months
  - C. 9 months
  - D. 12 months
- 62. Criminal liability in children ' Nothing is an offence if done by a child below 7 years dealt in which section of IPC?**
- A. 82
  - B. 83
  - C. 84
  - D. 87
- 63. According to Bhaishajya Ratnavali preterm babies with immature sucking can be managed by Jihwagarshana with which drug along with Madhu and ghrita?**
- A. Amalaki - Haritaki
  - B. Vacha- Swarna
  - C. Amalaki- Brahmi
  - D. Vacha- Brahmi

64. बालानां सर्वरोगघ्नो बलपुष्ट्यग्नि वर्द्धनः  
----- - आयुष्यो ग्रहदोषहृत्?

**Above mentioned verse is mentioned about which of the following formulation for children?**

- A. Aravindasava
- B. Ashtamangala ghrita
- C. Kumarakalyana rasa
- D. Ashwagandha ghrita

65. **Which among the following statement is FALSE regarding respiratory development in children?**

- A. After birth alveolar septation and capillary volume increase continue during the first 18-24 months.
- B. Pores of kohn are developed at birth.
- C. At birth the tidal volume of lungs is 16 mL
- D. The channels of Lambert between between alveoli and larger airway are not fully developed till 5 years of age

66. **According to Acharya Susruta "दृष्टिभागमप्रतिपन्नं तेजो " Dushti in Garbha results in which condition?**

- A. Raktaksha
- B. Pingalaksha
- C. Jatyandha
- D. Vikrutaksha

67. **In which disease Navajata Abhyanga is contraindicated?**

- A. Ulbaka
- B. Kukkunaka
- C. Navajata Kamala
- D. Sahaja Jalasheershaka

- 68. In which disease उत्सादनं वचाहिङ्गुयुक्तं is specifically mentioned?**
- A. Karshya
  - B. Skandagraha
  - C. Phakka
  - D. Charmadala
- 69. Which among the following is NOT an inherited neurocutaneous syndrome?**
- A. Neurofibromatosis
  - B. Tuberous Sclerosis
  - C. Sturge Weber syndrome
  - D. Von Hippel Landau Syndrome
- 70. According to Acharya Kashyapa, in which Ritu the collection of Nagabala is mentioned?**
- A. Initial phase of Grishma Ritu
  - B. Initial phase of Varsha Ritu
  - C. Initial phase of Sharad Ritu
  - D. Initial phase of Hemant Ritu





## QUESTION BOOKLET



# Ph.D. Entrance Examination 2026-27

## 04. KAYACHIKITSA



DATE: \_\_\_\_\_

Name of the Candidate: \_\_\_\_\_

Roll No. of the Candidate: \_\_\_\_\_

Signature of the Candidate: \_\_\_\_\_

Signature of the Invigilator: \_\_\_\_\_

**DO NOT OPEN THIS QUESTION BOOKLET UNTIL YOU ARE TOLD TO DO SO**

### GENERAL INSTRUCTIONS

1. IMMEDIATELY AFTER THE COMMENCEMENT OF EXAMINATION, YOU SHOULD CHECK THAT THIS QUESTION BOOKLET DOES NOT HAVE ANY UNPRINTED TO TORN OR MISSING PAGES OR ITEMS ETC. IF SO, GET IT REPLACED BY A COMPLETE QUESTION BOOKLET.
2. Please note that it is the candidate's responsibility to fill in the roll number, subject etc carefully and without any omission or discrepancy at the appropriate places in the OMR answer Sheet. Any omission/Discrepancy will render the answer sheet liable for rejection.
3. You have to enter your Name, Roll No and signature on the Question Booklet. DO NOT write anything else on the question booklet
4. This question booklet contains **70 Questions**. There are four alternatives for the answer to every question. 01 mark will be given for each correct response.
5. **PENALTY FOR WRONG ANSWERS:** There will be penalty for wrong answers marked by a candidate.
  - a. For each question for which a wrong answer has been given by the candidate, **one-fourth** of the marks assigned to that question will be deducted as penalty.
  - b. If a candidate gives more than one answer, it will be treated as a wrong answer even if one of the given answers happens to be correct and there will same penalty as above to that question.
  - c. If a question is left blank, i.e. No answer is given by the candidate, there will no penalty for that question
6. The duration of the Entrance Examination (for both parts) will be **75 minutes**
7. You have to mark all your responses ONLY on the provided OMR answer sheet.
8. After you have completed filling in all your responses on the OMR answer sheet and the examination has concluded, you should hand over to the invigilator OMR Answer sheet and Question Booklet.
9. Blank page at the end of the question booklet may be used for rough work.

- 1. In a population, Blood group is measured. What type of scale measurement is it?**
  - A. Interval
  - B. Ordinal
  - C. Nominal
  - D. Ratio
  
- 2. Selecting participants considering their availability at a particular time and place in research study is known as**
  - A. Convenient sampling
  - B. Purposive sampling
  - C. Snowball sampling
  - D. Stratified sampling
  
- 3. Median can be measured graphically using**
  - A. Scatter Diagram
  - B. Frequency Polygon
  - C. Cumulative Frequency diagram
  - D. Frequency Curve
  
- 4. A researcher was examining correlation between height of father and their son and calculated correlation coefficient as +1.007. What would be your reaction to this observation on correctness?**
  - A. Absolutely possible
  - B. Absolutely Impossible
  - C. Possibly Correct
  - D. Possibly Impossible
  
- 5. An observational study to establish cause-effect relationship between two or more factors observed under natural course is called**
  - A. Descriptive Study
  - B. Analytical Study
  - C. Randomized study
  - D. Intervention study

- 6. To conduct an incidence study, what type of study design should be used?**
- A. Cross-sectional Design
  - B. Cohort Design
  - C. Case-control design
  - D. Randomized control Design
- 7. Suppose you wish to measure the trend of responses of a treatment intervention longitudinally after 3-4 short, predefined observation periods. Which study design would be suitable?**
- A. Cross-over
  - B. Pre-Post
  - C. Sequential
  - D. Repeated Measure
- 8. The normal range of blood pressure reading 120/80 for systolic/diastolic comes from data observed on healthy persons. In statistical terms what does it indicate?**
- A. Statistical Threshold (Mean/SD)
  - B. Statistical Threshold (Mean and SD)
  - C. Statistical Threshold ( $SD \pm \text{Mean}$ )
  - D. Statistical Threshold ( $\text{Mean} \pm 2SD$ )
- 9. Results of binary response (Yes/No) of two different methods were cross tabulated, how to assess discordance between two responses by an appropriate statistical test?**
- A. ANOVA
  - B. Student independent test
  - C. Student t-test
  - D. McNemar Chi-square test
- 10. The cause-Effect relationship can be more certain in which study design?**
- A. Case Series
  - B. Cross-sectional
  - C. Cohort
  - D. Case report

- 11. The percentage of clinical status correctly classified as cases by the test is called**
- A. Positive predictive value
  - B. Negative predictive value
  - C. Specificity
  - D. Sensitivity
- 12. The trials which are conducted to prevent the occurrence of disease are called**
- A. Clinical trial
  - B. Laboratory trial
  - C. Prophylactic trial
  - D. Hospital based trials
- 13. A centralized digital platform created by the Indian Cybercrime Coordination Centre to expedite the removal of unlawful online content is \_\_\_\_\_**
- A. ASHTADASHI
  - B. SUGAMA
  - C. SAHYOG
  - D. BHAVISHYA
- 14. Refusal to participate at any point during the research process, as not signing a consent form, or may be verbally stated, or indicated by indirect verbal or non-verbal behaviors is known as \_\_\_\_\_**
- A. Debriefing
  - B. Dissent
  - C. Deception
  - D. Coercion
- 15. As a part of survey to understand the quality of healthcare facilities at AIIA, the Medical Superintendent asks, "How satisfied you are with hospital services?" The responses were recorded as "Very satisfied, Satisfied, Neutral, Dissatisfied, Very dissatisfied" The kind of scale being used here is \_\_\_\_\_**
- A. Nominal
  - B. Ordinal
  - C. Interval
  - D. Ratio

- 16. A researcher has developed a new 10-item scale measuring anxiety in Alzheimer's patients. The Cronbach's alpha coefficient is calculated to be 0.60. How should the researcher interpret this?**
- A. The scale has excellent reliability & can be used immediately.
  - B. The scale has low internal consistency & needs item refinement.
  - C. The scale has good test-retest stability.
  - D. The scale is measuring two different concepts.
- 17. The metric, a researcher should use to measure how much their published paper is being discussed, shared, and cited on social media platforms like Twitter, Mendeley, and blogs, rather than just in formal journals is \_\_\_\_\_**
- A. Citation impact
  - B. Altmetrics
  - C. Source Normalized Impact per Paper
  - D. g-index
- 18. 'X' is a well-known industry in India, starts using a logo very similar to another familiar international brand, 'Y', causing confusion among consumers. What can 'Y' sue for?**
- A. Patent Infringement
  - B. Trademark Infringement
  - C. Copyright Infringement
  - D. Trade Secret Theft
- 19. SCARE Guidelines are framed for \_\_\_\_\_**
- A. Reporting of Surgical Case Reports
  - B. Reporting Animal pre-clinical Studies
  - C. Reporting Observational Studies
  - D. Reporting Study Protocols
- 20. Schedule C of Food Safety and Standards (Ayurveda Aahara) Regulations, 2022 holds information on \_\_\_\_\_**
- A. List of Additives permitted in Ayurveda Aahara
  - B. Microbiological Standards for Ayurveda Aahara
  - C. Categories of Ayurveda Aahara and Regulatory Requirements
  - D. List of authoritative books for Ayurveda Aahara

- 21. Industry–research interface programme launched by CCRAS in collaboration with the Confederation of Indian Industry for advancing the scientific, industrial, & commercial ecosystem of Ayurveda is \_\_\_\_.**
- A. AMAR
  - B. SAHI
  - C. SIDDHI
  - D. e-MEDHA
- 22. In a clinical trial, the factor ATTRITION is referred to \_\_\_\_**
- A. Loss of enrolled participants over time
  - B. Documenting compliance to the interventional protocol
  - C. Taking consent from vulnerable groups of participants
  - D. Mechanism of ensuring safety during the trial period
- 23. An investigator conducting a KAP study in an academic institution announced in the class that, "*Students who participate in the study will get a 5% bonus on their final exam, while those who do not will have to complete an extra assignment.*" This approach can be considered as \_\_\_\_**
- A. Reasonable incentive
  - B. An act of Coercion
  - C. Violating Confidentiality
  - D. Falsification of information
- 24. OECD Test 403 issues guidelines for conducting \_\_\_\_\_**
- A. Acute Inhalation toxicity
  - B. Repeated Dose Dermal toxicity
  - C. Genetic toxicity
  - D. Carcinogenicity
- 25. National Ethics Committee Registry for Biomedical and Health Research is managed by \_\_\_\_\_**
- A. Department of Health Research
  - B. All India Institute of Medical Sciences
  - C. Council for Scientific and Industrial Research
  - D. Ministry of Ayush

- 26. Internal validity of a study refers to:**
- A. Generalizability of results to other populations
  - B. Extent to which observed effects are due to the independent variable
  - C. Size of the study sample
  - D. Replication of the study in different settings
- 27. Which guideline is used for reporting diagnostic test accuracy studies?**
- A. CONSORT
  - B. STROBE
  - C. CARE
  - D. STARD
- 28. What is the purpose of adding an asterisk\* at the end of a word when searching The Cochrane Library?**
- A. Searches it as a phrase
  - B. Combines like or synonymous terms
  - C. Will search for variant endings
  - D. Narrows a search
- 29. As per the NDCTR-2019 Chapter-III, the Ethics Committees are required to maintain the documents related to the structure, composition, and functions for up to?**
- A. Three Years
  - B. Five Years
  - C. Seven Years
  - D. Lifetime
- 30. Carcinogenicity studies should be performed for all drugs that are expected to be clinically used for more than \_\_\_\_\_ months as well as for drugs used frequently in an intermittent manner in the treatment of chronic or recurrent conditions.**
- A. Six Months
  - B. Nine Months
  - C. One year
  - D. Lifetime

- 31. Drawing a small sample of blood for Testing in a research protocol involves the following risk category.**
- A. Less than minimal risk
  - B. Minimal risk
  - C. Minor increase over minimal risk or Low risk
  - D. More than minimal risk or High risk
- 32. A doctoral Ayurveda scholar receives an email from an *International Journal for Traditional Medicine* praising scholar's previous publication and requesting to submit a new manuscript within 5 days for a guaranteed "rapid peer review" for a processing fee of \$1500. The best response expected from the scholar in such condition is \_\_\_\_\_**
- A. Submit research outcomes immediately to get ahead of the fellow researchers.
  - B. Reply to the email to negotiate the fee.
  - C. Ignore the email and independently look up the journal's reputation on DOAJ.
  - D. Acknowledge to the sender and request for some time to submit manuscript.
- 33. If the weight of 1000 adult females follows a normal distribution, the percentage of females who have more than two standard deviations above the mean weight will be:**
- A. 0.5
  - B. 2.5
  - C. 0.01
  - D. 0.05
- 34. In multiple regression analysis, the number of dependent variables should be:**
- A. Two
  - B. Three
  - C. No limit (any number of variables)
  - D. One

- 35. What is the purpose of the "ShodhShuddhi" initiative?**
- A. Enhance student enrollment
  - B. Provide access to plagiarism detection software
  - C. Promote research funding
  - D. Generate an online Research database
- 36. According to Sushruta, Sweda asruk sravana" is a function of... Vayu?**
- A. Prana
  - B. Udana
  - C. Samana
  - D. Vyana
- 37. The mode of administration of ksheera ghritha in vata vyadhi as per Sushruta Samhita?**
- A. Abhyanga
  - B. Pana
  - C. Nasya
  - D. Tarpana
- 38. Panimantha Darana is indicated in which of the following disease as per the Sushruta Samhita?**
- A. Sarvanga vata
  - B. Asthi nirudha vata
  - C. Snayugata vata
  - D. suptivata
- 39. In Ekanga vata,raktamokshana should be done with which of the following method?**
- A. Jalouka
  - B. Siravyadha
  - C. Alabu
  - D. Srnga

40. **"Tilaparipeedana upakarana kashta" is used in preparation of**
- Patra lavana
  - Misraka sneha
  - Anu Taila
  - Sahasrapaka taila
41. **Naari vivikta priyata: is the Lakshana of which of the following Unmada?**
- Vataja Unmada
  - Pittaj Unmada
  - Kaphaj Unmada
  - Tridoshaj
42. **"Tamravarna raji and sira" are the lakshana of .....kushta**
- Udumbara
  - Pundarika
  - Sidma
  - Mandala
43. **"yadha prajvalite vahni:sthalyam indanavaanapi" is told in the context of**
- Punaravarthaka jwara
  - Jwara Poorvarupa Chikitsa
  - Jeerna jwara chikitsa
  - Vishama jwara
44. **By which of the following guna , takram is good for reducing kapha in grahani dosha**
- Madura vipakam
  - Vikashitwaath
  - Amla rasam
  - Sandratwath
45. **Which of the following is given in Vatika vridhi as per ashtanga hrudaya ?**
- Avipathy choornam
  - Trivrit sneha
  - Aragwadam
  - Hareetaki choornam
46. **"Amabhibhuta koshtasya ..... vishamaheriva" - which of the following is specified in the above quotation?**
- Kashayam
  - Sodhana dravyam
  - Gritam
  - Ksheeram

- 47. Dose of silajatu with salsaradigana in madhumehachikitsa**
- A. 1 pala
  - B. 1 tula
  - C. 1 karsha
  - D. 1 tola
- 48. Blue bloater" is a term associated with**
- A. Chronic bronchitis
  - B. Emphysema
  - C. Asthma
  - D. Bronchiectasis
- 49. The most common cause of left-sided heart failure is:**
- A. Pulmonary embolism
  - B. Systemic hypertension
  - C. Mitral stenosis
  - D. Pulmonary hypertension
- 50. According to Charaka, Darvyadi Lehya is indicated in Pandu and Kamala Chikitsa. Anupana of the same is -----**
- A. Dugdha mamsarasa
  - B. Jala dugdh
  - C. Madhu Gomutra
  - D. Madhu Sarpi
- 51. "Pushti varna balapradam" is explained in the context of which of the following yoga?**
- A. Talisadi churna
  - B. Eladi churna
  - C. Jeevantyadi Udwartana Churna
  - D. Yavanyadi churna
- 52. Anupana of Drakshadi kwatha in Pittaja Masurika?**
- A. Sita
  - B. Kshoudra
  - C. Jala
  - D. Ksheera
- 53. "Nadeyadi yoga" indicated in which of the following Vyadhi as per Yogaratnakara?**
- A. Ashtila
  - B. Shula
  - C. Anaha
  - D. Ajirna

**54. Which among the following is a known adverse effect of fluoroquinolones?**

- A. Hepatotoxicity
- B. Alopecia
- C. Pulmonary fibrosis
- D. Tendonitis

**55. In Madhyapanajanya Madatyaya, the use of Madya is:**

- A. Vyadhi Viparita
- B. Vyadhi Viparitarthakari
- C. Ubhaya Viparita
- D. Ubhaya Viparitarthakari

**56. With reference to Avarana of Vata subtypes, consider the following pairs:**

1. हृद्रोग-उदाने प्राणसंवृते
2. स्नेहयुक्तं विरेचनम् - प्राणे व्यानावृते
3. दीपनं सर्पिः - समानेनावृते व्याने

**Which of the above pairs are correctly matched?**

- A. 1 and 2 only
- B. 2 and 3 only
- C. 1 and 3 only
- D. 1, 2 and 3

**57. Ascitic fluid analysis in a patient shows SAAG = 0.8 g/dL. What is the most likely underlying cause?**

- A. Cirrhosis of liver
- B. Congestive heart failure
- C. Budd–Chiari syndrome
- D. Tuberculosis

**58. Which among the following is a Purvarupa of Chardi?**

- A. Hridaya Utklesha
- B. Hridaya Spandana
- C. Hridaya Peeda
- D. Hridaya Shunyata

**59. In Tridoshaja Sotha, Shilajatu is advised to be taken with:**

- A. Agnimantha Swarasa
- B. Triphala Swarasa
- C. Laghu Panchamula Kwatha
- D. Brihat Panchamula Kwatha

- 60. Which of the following Ghrita has the Phalashruti as Kamalaharamuttamam (कामलाहरमुत्तमम्)?**
- Dadimadhya Ghrita
  - Pathya Ghrita
  - Katukadhya Ghrita
  - Haridradhya Ghrita
- 61. Janeway lesions are considered a minor criterion in diagnosis of:**
- Rheumatic fever
  - Infective endocarditis
  - Systemic lupus erythematosus
  - Kawasaki disease
- 62. "निदानदोषर्तुविपर्ययक्रमैरुपाचरेत्तबलदोषकालवित्" is the Chikitsa Sutra of:**
- Gulma
  - Pandu
  - Kustha
  - Sotha
- 63. What is the quantity ratio of Pippali and Maricha in Yavanishadhava?**
- 50 : 100
  - 100 : 200
  - 100 : 100
  - 100 : 50
- 64. Which is True among the following regarding ingredients of Shaddharana Yoga**
- Patha, Pippali, Ativisha, Chitraka, Aragvadha, Indrayava
  - Patha, Kutaki, Shunti, Chitraka, Abhaya, Eranda
  - Patha, Kutaki, Ativisha, Chitraka, Abhaya, Indrayava
  - Patha, Kutaki, Kutaja, Chitraka, Trivrit, Eranda
- 65. CREST syndrome is a limited form of which systemic disease?**
- Rheumatoid arthritis
  - Systemic lupus erythematosus
  - Systemic sclerosis
  - Dermatomyositis
- 66. "हर्षःपिपीलिकानांचसंचारइव" is the Lakshana of:**
- Pittavrita Vata
  - Raktavrita Vata
  - Mamsavrita Vata
  - Medavrita Vata

- 67. In Rheumatic Fever, which of the following skin manifestations is seen?**
- A. Erythema infectiosum
  - B. Erythema nodosum
  - C. Erythema multiforme
  - D. Erythema marginatum
- 68. A 75-year-old man with knee osteoarthritis, no prior treatment – first-line drug per American Geriatrics Society?**
- A. Oral NSAIDs
  - B. Acetaminophen
  - C. Tramadol
  - D. Intra-articular steroid injection
- 69. The BCR-ABL fusion gene is characteristic of which hematological disorder?**
- A. Acute lymphoblastic leukemia (ALL)
  - B. Chronic myeloid leukemia (CML)
  - C. Chronic lymphocytic leukemia (CLL)
  - D. Acute myeloid leukemia (AML)
- 70. Elevation of Alpha-fetoprotein (AFP) is most strongly associated with which of the following cancers?**
- A. Colon cancer
  - B. Hepatocellular carcinoma
  - C. Ovarian carcinoma
  - D. Medullary thyroid carcinoma





## QUESTION BOOKLET



# Ph.D. Entrance Examination 2026-27

## 05. KRIYA SHARIRA



DATE: \_\_\_\_\_

Name of the Candidate: \_\_\_\_\_

Roll No. of the Candidate: \_\_\_\_\_

Signature of the Candidate: \_\_\_\_\_

Signature of the Invigilator: \_\_\_\_\_

**DO NOT OPEN THIS QUESTION BOOKLET UNTIL YOU ARE TOLD TO DO SO**

### GENERAL INSTRUCTIONS

1. IMMEDIATELY AFTER THE COMMENCEMENT OF EXAMINATION, YOU SHOULD CHECK THAT THIS QUESTION BOOKLET DOES NOT HAVE ANY UNPRINTED TO TORN OR MISSING PAGES OR ITEMS ETC. IF SO, GET IT REPLACED BY A COMPLETE QUESTION BOOKLET.
2. Please note that it is the candidate's responsibility to fill in the roll number, subject etc carefully and without any omission or discrepancy at the appropriate places in the OMR answer Sheet. Any omission/Discrepancy will render the answer sheet liable for rejection.
3. You have to enter your Name, Roll No and signature on the Question Booklet. DO NOT write anything else on the question booklet
4. This question booklet contains **70 Questions**. There are four alternatives for the answer to every question. 01 mark will be given for each correct response.
5. **PENALTY FOR WRONG ANSWERS:** There will be penalty for wrong answers marked by a candidate.
  - a. For each question for which a wrong answer has been given by the candidate, **one-fourth** of the marks assigned to that question will be deducted as penalty.
  - b. If a candidate gives more than one answer, it will be treated as a wrong answer even if one of the given answers happens to be correct and there will same penalty as above to that question.
  - c. If a question is left blank, i.e. No answer is given by the candidate, there will no penalty for that question
6. The duration of the Entrance Examination (for both parts) will be **75 minutes**
7. You have to mark all your responses ONLY on the provided OMR answer sheet.
8. After you have completed filling in all your responses on the OMR answer sheet and the examination has concluded, you should hand over to the invigilator OMR Answer sheet and Question Booklet.
9. Blank page at the end of the question booklet may be used for rough work.

- 1. In a population, Blood group is measured. What type of scale measurement is it?**
  - A. Interval
  - B. Ordinal
  - C. Nominal
  - D. Ratio
  
- 2. Selecting participants considering their availability at a particular time and place in research study is known as**
  - A. Convenient sampling
  - B. Purposive sampling
  - C. Snowball sampling
  - D. Stratified sampling
  
- 3. Median can be measured graphically using**
  - A. Scatter Diagram
  - B. Frequency Polygon
  - C. Cumulative Frequency diagram
  - D. Frequency Curve
  
- 4. A researcher was examining correlation between height of father and their son and calculated correlation coefficient as +1.007. What would be your reaction to this observation on correctness?**
  - A. Absolutely possible
  - B. Absolutely Impossible
  - C. Possibly Correct
  - D. Possibly Impossible
  
- 5. An observational study to establish cause-effect relationship between two or more factors observed under natural course is called**
  - A. Descriptive Study
  - B. Analytical Study
  - C. Randomized study
  - D. Intervention study

- 6. To conduct an incidence study, what type of study design should be used?**
- A. Cross-sectional Design
  - B. Cohort Design
  - C. Case-control design
  - D. Randomized control Design
- 7. Suppose you wish to measure the trend of responses of a treatment intervention longitudinally after 3-4 short, predefined observation periods. Which study design would be suitable?**
- A. Cross-over
  - B. Pre-Post
  - C. Sequential
  - D. Repeated Measure
- 8. The normal range of blood pressure reading 120/80 for systolic/diastolic comes from data observed on healthy persons. In statistical terms what does it indicate?**
- A. Statistical Threshold (Mean/SD)
  - B. Statistical Threshold (Mean and SD)
  - C. Statistical Threshold ( $SD \pm$  Mean)
  - D. Statistical Threshold ( $Mean \pm 2SD$ )
- 9. Results of binary response (Yes/No) of two different methods were cross tabulated, how to assess discordance between two responses by an appropriate statistical test?**
- A. ANOVA
  - B. Student independent test
  - C. Student t-test
  - D. McNemar Chi-square test
- 10. The cause-Effect relationship can be more certain in which study design?**
- A. Case Series
  - B. Cross-sectional
  - C. Cohort
  - D. Case report

- 11. The percentage of clinical status correctly classified as cases by the test is called**
- A. Positive predictive value
  - B. Negative predictive value
  - C. Specificity
  - D. Sensitivity
- 12. The trials which are conducted to prevent the occurrence of disease are called**
- A. Clinical trial
  - B. Laboratory trial
  - C. Prophylactic trial
  - D. Hospital based trials
- 13. A centralized digital platform created by the Indian Cybercrime Coordination Centre to expedite the removal of unlawful online content is \_\_\_\_\_**
- A. ASHTADASHI
  - B. SUGAMA
  - C. SAHYOG
  - D. BHAVISHYA
- 14. Refusal to participate at any point during the research process, as not signing a consent form, or may be verbally stated, or indicated by indirect verbal or non-verbal behaviors is known as \_\_\_\_\_**
- A. Debriefing
  - B. Dissent
  - C. Deception
  - D. Coercion

- 15. As a part of survey to understand the quality of healthcare facilities at AIIA, the Medical Superintendent asks, "How satisfied you are with hospital services?" The responses were recorded as "Very satisfied, Satisfied, Neutral, Dissatisfied, Very dissatisfied" The kind of scale being used here is \_\_\_\_\_**
- A. Nominal
  - B. Ordinal
  - C. Interval
  - D. Ratio
- 16. A researcher has developed a new 10-item scale measuring anxiety in Alzheimer's patients. The Cronbach's alpha coefficient is calculated to be 0.60. How should the researcher interpret this?**
- A. The scale has excellent reliability & can be used immediately.
  - B. The scale has low internal consistency & needs item refinement.
  - C. The scale has good test-retest stability.
  - D. The scale is measuring two different concepts.
- 17. The metric, a researcher should use to measure how much their published paper is being discussed, shared, and cited on social media platforms like Twitter, Mendeley, and blogs, rather than just in formal journals is \_\_\_\_\_**
- A. Citation impact
  - B. Altmetrics
  - C. Source Normalized Impact per Paper
  - D. g-index
- 18. 'X' is a well-known industry in India, starts using a logo very similar to another familiar international brand, 'Y', causing confusion among consumers. What can 'Y' sue for?**
- A. Patent Infringement
  - B. Trademark Infringement
  - C. Copyright Infringement
  - D. Trade Secret Theft

**19. SCARE Guidelines are framed for \_\_\_\_\_**

- A. Reporting of Surgical Case Reports
- B. Reporting Animal pre-clinical Studies
- C. Reporting Observational Studies
- D. Reporting Study Protocols

**20. Schedule C of Food Safety and Standards (Ayurveda Aahara) Regulations, 2022 holds information on \_\_\_\_\_**

- A. List of Additives permitted in Ayurveda Aahara
- B. Microbiological Standards for Ayurveda Aahara
- C. Categories of Ayurveda Aahara and Regulatory Requirements
- D. List of authoritative books for Ayurveda Aahara

**21. Industry–research interface programme launched by CCRAS in collaboration with the Confederation of Indian Industry for advancing the scientific, industrial, & commercial ecosystem of Ayurveda is \_\_\_\_.**

- A. AMAR
- B. SAHI
- C. SIDDHI
- D. e-MEDHA

**22. In a clinical trial, the factor ATTRITION is referred to \_\_\_\_\_**

- A. Loss of enrolled participants over time
- B. Documenting compliance to the interventional protocol
- C. Taking consent from vulnerable groups of participants
- D. Mechanism of ensuring safety during the trial period

**23. An investigator conducting a KAP study in an academic institution announced in the class that, "*Students who participate in the study will get a 5% bonus on their final exam, while those who do not will have to complete an extra assignment.*" This approach can be considered as \_\_\_\_\_**

- A. Reasonable incentive
- B. An act of Coercion
- C. Violating Confidentiality
- D. Falsification of information

**24. OECD Test 403 issues guidelines for conducting \_\_\_\_\_**

- A. Acute Inhalation toxicity
- B. Repeated Dose Dermal toxicity
- C. Genetic toxicity
- D. Carcinogenicity

**25. National Ethics Committee Registry for Biomedical and Health Research is managed by \_\_\_\_\_**

- A. Department of Health Research
- B. All India Institute of Medical Sciences
- C. Council for Scientific and Industrial Research
- D. Ministry of Ayush

**26. Internal validity of a study refers to:**

- A. Generalizability of results to other populations
- B. Extent to which observed effects are due to the independent variable
- C. Size of the study sample
- D. Replication of the study in different settings

**27. Which guideline is used for reporting diagnostic test accuracy studies?**

- A. CONSORT
- B. STROBE
- C. CARE
- D. STARD

**28. What is the purpose of adding an asterisk\* at the end of a word when searching The Cochrane Library?**

- A. Searches it as a phrase
- B. Combines like or synonymous terms
- C. Will search for variant endings
- D. Narrows a search

**29. As per the NDCTR-2019 Chapter-III, the Ethics Committees are required to maintain the documents related to the structure, composition, and functions for up to?**

- A. Three Years
- B. Five Years
- C. Seven Years
- D. Lifetime

**30. Carcinogenicity studies should be performed for all drugs that are expected to be clinically used for more than \_\_\_\_\_ months as well as for drugs used frequently in an intermittent manner in the treatment of chronic or recurrent conditions.**

- A. Six Months
- B. Nine Months
- C. One year
- D. Lifetime

**31. Drawing a small sample of blood for Testing in a research protocol involves the following risk category.**

- A. Less than minimal risk
- B. Minimal risk
- C. Minor increase over minimal risk or Low risk
- D. More than minimal risk or High risk

**32. A doctoral Ayurveda scholar receives an email from an *International Journal for Traditional Medicine* praising scholar's previous publication and requesting to submit a new manuscript within 5 days for a guaranteed "rapid peer review" for a processing fee of \$1500. The best response expected from the scholar in such condition is \_\_\_\_\_**

- A. Submit research outcomes immediately to get ahead of the fellow researchers.
- B. Reply to the email to negotiate the fee.
- C. Ignore the email and independently look up the journal's reputation on DOAJ.
- D. Acknowledge to the sender and request for some time to submit manuscript.

**33. If the weight of 1000 adult females follows a normal distribution, the percentage of females who have more than two standard deviations above the mean weight will be:**

- A. 0.5
- B. 2.5
- C. 0.01
- D. 0.05

**34. In multiple regression analysis, the number of dependent variables should be:**

- A. Two
- B. Three
- C. No limit (any number of variables)
- D. One

**35. What is the purpose of the "ShodhShuddhi" initiative?**

- A. Enhance student enrollment
- B. Provide access to plagiarism detection software
- C. Promote research funding
- D. Generate an online Research database

**36. According to Sharangdhara (शार्ङ्गधर), Dheeman (धीमान) is said for which Prakriti (प्रकृति)?**

- A. Vata Prakriti (वात प्रकृति)
- B. Pitta Prakriti (पित्त प्रकृति)
- C. Kapha Prakriti (कफ प्रकृति)
- D. Samadoshaja Prakriti (समदोषज प्रकृति)

**37. Who described Ranjaka Pitta (रञ्जक पित्त) as Mala (मल) of Rakta (रक्त)?**

- A. Sharangdhara (शार्ङ्गधर)
- B. Madhava (माधव)
- C. Bhavaprakash (भावप्रकाश)
- D. Bhela (भेल)

**38. Arochaka-avipaka-angasada-chhardi (अरोचक-अविपाक-अङ्गसाद-छर्दि) are**

**Lakshana (लक्षण) of?**

- A. Kapha Sanchaya (कफ संचय)
- B. Kapha Prakopa (कफ प्रकोप)
- C. Kapha Prasara (कफ प्रसर)
- D. Annavaha Sroto Dushti (अन्नवह स्रोतो दुष्टि)

**39. Injected dopamine does NOT produce following effect-**

- A. Vasodilatation of mesentry
- B. Vasoconstriction by releasing norepinephrine
- C. Increase in heart rate via beta receptors
- D. Increase in diastolic blood pressure

**40. Which is NOT included in Tetralogy of Fallot?**

- A. Ventricular septal defect
- B. Overriding of aorta
- C. Pulmonary stenosis
- D. Left ventricular hypertrophy

**41. The ..... is an effective means of rejecting the large quantities of iodide and therefore preventing the thyroid from synthesizing large quantities of thyroid hormones?**

- A. Wolff-Chaikoff effect
- B. Hering Breur effect
- C. Trousseau effect
- D. Chvostek effect

**42. Memory that involves conscious recall of events is called as?**

- A. Remote memory
- B. Reflexive memory
- C. Explicit memory
- D. Implicit memory

- 43. While using a typewriter or while doing any other fast skilled work, a chain of movements occurs rapidly in a sequential manner. During this process, who plays an important role?**
- A. Vestibulocerebellum
  - B. Spinocerebellum
  - C. Corticocerebellum
  - D. Thalamus
- 44. Which of the following factor enhance the Bohr effect?**
- A. Increase in partial pressure of oxygen
  - B. Decrease in hydrogen ion concentration and increase in pH (acidity)
  - C. Decreased body temperature
  - D. Excess of 2,3-diphosphoglycerate (DPG) in RBC
- 45. In the average young man, the diffusing capacity for oxygen under resting conditions is?**
- A. 21 ml/min/mm Hg.
  - B. 28 ml/min/mm Hg
  - C. 34 ml/min/mm Hg
  - D. 40 ml/min/mm Hg
- 46. Which of the following is NOT a stimulus for thirst?**
- A. Decreases in extracellular fluid volume
  - B. Decreases in arterial pressure
  - C. Angiotensin II
  - D. Decreases in extra cellular fluid osmolarity
- 47. In chronic mountain sickness, following effect does NOT occur?**
- A. Red cell mass and haematocrit become exceptionally high
  - B. Pulmonary arterial pressure becomes elevated
  - C. Peripheral arterial pressure begins to increase
  - D. Right side of heart becomes greatly enlarged

48. **Commentator Indu has described Sthana (स्थान) of Samana Vayu (समान वायु) as-**

- A. Nabheradhangulamatrena Dakshinaparshve (नाभेर्धाङ्गुलमात्रेण दक्षिणपार्श्वे)
- B. Nabheradhangulamatrena Vamaparshve (नाभेर्धाङ्गुलमात्रेण वामपार्श्वे)
- C. Nabherangulamatrena Vamaparshve (नाभेर्ङ्गुलमात्रेण वामपार्श्वे)
- D. Nabherangulamatrena Dakshinaparshve (नाभेर्ङ्गुलमात्रेण दक्षिणपार्श्वे)

49. **Vataad Rute Nasti Ruja Na Pakahpittadrute Nasti Kaphachcha Pooya (वातादृते नास्ति रूजा न पाकः पित्तादृते नास्ति कफाच्च पूय) quoted in which text?**

- A. Sushruta Samhita Sutra Sthana 17 (सुश्रुत संहिता सूत्र स्थान 17)
- B. Sushruta Samhita Sutra Sthana 16 (सुश्रुत संहिता सूत्र स्थान 16)
- C. Sushruta Samhita Sutra Sthana 14 (सुश्रुत संहिता सूत्र स्थान 14)
- D. Sushruta Samhita Sutra Sthana 15 (सुश्रुत संहिता सूत्र स्थान 15)

50. **Which of the following is NOT Bala Vriddhikara Bhava (बल वृद्धिकर भाव)?**

- A. Aharasampat (आहारसंपत)
- B. Snehasampata (स्नेहसंपत)
- C. Satvasampat (सत्त्वसंपत)
- D. Satmyasampat (सात्म्यसंपत)

51. **Consider the following statements and choose the most appropriate option**

**Statement A:** According to Vagbhatta, Nabhi is the vishesha sthana of pitta

**Statement B:** According to Charaka, Amashaya is the vishesha sthana of pitta

- A. Both statements are true
- B. Only statement B is true
- C. Only statement A is true
- D. Both are false

52. **Natisthoolakrishna Shriman Naro Jeevet Sama Shatam (नातिस्थूलकृशः श्रीमान नरो जीवेत् समा शतम्) is said in which reference?**
- Nidra (निद्रा)
  - Shuddha Rakta (शुद्ध रक्त)
  - Ahara (आहार)
  - Rasa Dhatu (रस धातु)
53. **Transformation of Meda Dhatu (मेद धातु) into Asthi Dhatu (अस्थि धातु) is facilitated by which Mahabhuta (महाभूत)?**
- Prithvi, Agni, Jala (पृथ्वी, अग्नि, जल)
  - Prithvi, Agni, Akasha (पृथ्वी, अग्नि, आकाश)
  - Prithvi, Agni, Vayu (पृथ्वी, अग्नि, वायु)
  - Agni, Akasha, Vayu (अग्नि, आकाश, वायु)
54. **According to Acharya Sushruta, Raukshya is a symptom of Kshaya of which dhatu?**
- Rasa, Rakta, Mansa
  - Rakta, Mansa, Meda
  - Mansa, Meda, Asthi
  - Rasa, Rakta, Majja
55. **According to Dalhanacharya विज्ञानेन्द्रियनिरोधः meaning in commentary is used in which context-**
- मोहः (Moha)
  - तन्द्रा(Tandra)
  - मरण (Maran)
  - मूर्च्छा (Murccha)
56. **As per Charak Samhita in reference to सहजबल choose the most appropriate option? सहजं यत् \_\_\_\_\_ प्राकृतं।**
- शरीरसत्त्वयोः (Sharir-satvayo)
  - विश्रामव्यायामादेर्योगयोः (Vishram vyayamaaderyogayo)
  - शरीरयोः (Sharirayoho)
  - आहारचेष्टायोगयोः(Aaharchechshtayogayo)

57. As per Charak, choose the most appropriate option पिण्डिकोद्वेष्टनाध्मानं  
..... स्याद्विधारिते

- A. पुरीषे (Purishe)
- B. वातवर्चो (Vata varcho)
- C. मूत्र (Mootra)
- D. शुक्रे (Shukre)

58. For the Assertion (A) and Reason below, choose the correct option:

**Assertion(A):** Aldosterone regulates the osmolality in the body.

**Reasoning(R):** It decreases the reabsorption of sodium from distal convoluted tubule and the collecting duct

- A. Both A and R are true, and R is the correct explanation of A.
- B. Both A and R are true, but R is not the correct explanation of A.
- C. A is true, but R is false.
- D. A is false, but R is true.

59. Choose the correction option of the following according to Acharya Charaka and Acharya Sushruta.

- A. Acharya Charaka mentions "सन्धीनां स्फुटनं" as Lakshana of Asthi-kshaya, Acharya Sushruta mentions "धमनीशैथिल्यं" as Lakshana of Shonit-kshaya, Acharya Sushruta mentions "सिराशैथिल्यं" as Lakshana of Mamsa-kshaya
- B. Acharya Charaka mentions "सन्धिशैथिल्यं" as Lakshana of Asthi-kshaya, Acharya Sushruta mentions "सिराशैथिल्यं" as Lakshana of Shonit-kshaya, Acharya Sushruta mentions "धमनीशैथिल्यं" as Lakshana of Mamsa-kshaya
- C. Acharya Charaka mentions "सन्धिशैथिल्यं" as Lakshana of Shonit-kshaya, Acharya Sushruta mentions "सिराशैथिल्यं" as Lakshana of Asthi-kshaya, Acharya Sushruta mentions "धमनीशैथिल्यं" as Lakshana of Mamsa-kshaya
- D. Acharya Charaka mentions "सन्धीनां स्फुटनं" as Lakshana of मांसक्षय, Acharya Sushruta mentions "सिराशैथिल्यं" as Lakshana of Rasa-kshaya, Acharya Sushruta mentions "धमनीशैथिल्यं" as Lakshana of Shonit-kshaya

60. Match List I with List II, according to Sushruta Samhita and choose the correct option:

List I	List II
a. सर्वचेष्टास्वप्रतिघातः	1. भ्राजकोऽग्नि
b. अनिष्टं पिपीलिकामक्षिकाणाम्	2. पित्तेन दुष्टं शोणित
c. छायाणां प्रकाशकः	3. हृदयं
d. घनान्ते	4. बलस्य प्राकृतं कर्म
e. स्वपतश्च निमीलति	5. पित्तप्रकोपस्य कालं

- A. a - 4, b - 5, c - 1, d -2, e - 3  
B. a - 1, b - 2, c - 3, d -5, e - 4  
C. a - 5, b - 4, c - 3, d -1, e - 2  
D. a - 4, b - 2, c - 1, d - 5, e -3

61. According to Acharya Charaka, Upaghata (उपघात) and Upatapa (उपताप) are the symptoms of which among the following:

- A. इन्द्रिय प्रदोषजा रोगा  
B. मांस प्रदोषजा रोगा  
C. सिराकण्डरा प्रदोषजा रोगा  
D. अस्थि प्रदोषजा रोगा

62. According to Acharya Charaka, "चिन्त्यानां चातिचिन्तनात्" is the specific cause for which of the following?

- A. रसवह स्रोतोदुष्टि  
B. रक्तवह स्रोतोदुष्टि  
C. मांसवह स्रोतोदुष्टि  
D. मेदोवह स्रोतोदुष्टि

63. According to Acharya Charaka, "स्थूलदीर्घवृत्तसन्धय", "सुकुमारोपचारतां" and "प्रसन्नस्निग्धवर्णस्वरा" are the characteristic features of \_\_\_\_\_, \_\_\_\_\_ and \_\_\_\_ respectively
- Asthi Sara, Rakta Sara and Majja Sara
  - Majja Sara, Meda Sara and Shukra Sara
  - Asthi Sara, Rasa Sara and Majja Sara
  - Majja Sara, Meda Sara and Asthi Sara
64. According to Acharya Charaka, which among the following is NOT considered as the Smriti Kaarana (स्मृतिकारणाः)
- सादृश्यात्
  - विपर्ययात्
  - मनोनवस्थानात्
  - सत्त्वानुबन्धात्
65. According to Acharya Sushruta, in the context of Nidra, which of the following statement is correct?
- सत्त्वभूयिष्ठा निद्रां - अहःसु निशासु च, रजोभूयिष्ठा निद्रां - अर्धरात्रे, तमोभूयिष्ठा निद्रां - अनिमित्तं
  - सत्त्वभूयिष्ठा निद्रां - अर्धरात्रे, रजोभूयिष्ठा निद्रां - अनिमित्तं, तमोभूयिष्ठा निद्रां - अहःसु निशासु च
  - सत्त्वभूयिष्ठा निद्रां - अनिमित्तं, रजोभूयिष्ठा निद्रां - अर्धरात्रे, तमोभूयिष्ठा निद्रां - अहःसु निशासु च
  - सत्त्वभूयिष्ठा निद्रां - अनिमित्तं, रजोभूयिष्ठा निद्रां - अहःसु निशासु च, तमोभूयिष्ठा निद्रां - अर्धरात्रे
66. "स्थूलास्थिषु विशेषेण मज्जा त्वभ्यन्तराश्रितः" has been told by Acharya Sushruta in the context of \_\_\_\_\_
- Medodhara Kala (मेदोधरा कला)
  - Asthi Prakara (अस्थि प्रकाराः )
  - Majja Sthana (मज्जा स्थान)
  - Mamsa Sthana (मांस स्थान)

67. A male patient of 25 years of age, presents with symptoms described as आमिषप्रियतमं (strong affinity for non-veg food), अमर्षि (intolerant), and स्वप्नायासबहुल (Excessive rest & excessive exertion). The family members wants to consult the Ayurveda physician for his chief complaint of his tendency to intense bouts of anger. Which of the following type of सत्त्वं (Sattva) is most likely to be present in this patient (according to Charaka Samhita)?

- A. आसुरं सत्त्वं
- B. पैशाचं सत्त्वं
- C. राक्षसं सत्त्वं
- D. प्रैतं सत्त्वं

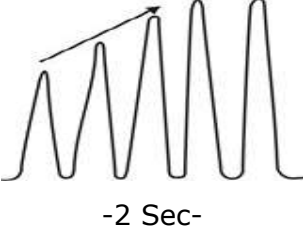
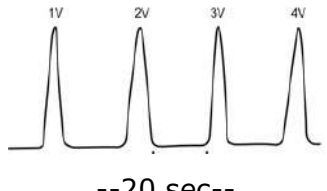
68. An 85 years old female patient comes to the OPD with the chief complaint of lack of enthusiasm (depression as conveyed by family members). She does not perform any kind of exercise and is unable to take proper nutrition. According to Charaka Samhita, which of the following Bala Vriddhikara Bhava is inappropriate in this patient?

- A. यौवनं, आहारसम्पत्, कर्म and संहर्ष
- B. सुखश्च कालयोगः, आहारसम्पत् and कर्म
- C. आहारसम्पत्, कर्म and संहर्ष
- D. यौवनं, आहारसम्पत्, शरीरसम्पत् and कर्म

69. Under which of the following kind of classification the "HYPOVOLEMIC SHOCK" comes?

- A. Shock due to decreased blood volume
- B. Shock due to increased vascular capacity
- C. Shock due to cardiac disease
- D. Shock due to obstruction of blood flow

70. See the two graphs related to contractile properties of the muscle tissues of skeletal & cardiac muscles:

Graph 1	Graph 2
 <p style="text-align: center;">-2 Sec-</p>	 <p style="text-align: center;">--20 sec--</p>
<p>When the stimulus is applied at a short interval of 2 seconds, without changing the strength, the force of contraction increases gradually for the first few contractions and then it remains same.</p>	<p>one stimulus is applied with a minimum strength of 1 volt and the contraction is recorded. Then, after 20 seconds, the strength of stimulus is increased to 2 volt and the stimulus is applied. The curve is recorded. The procedure is repeated by increasing the strength every time and applying the stimulus with an interval of 20 seconds</p>

**Which of the following option correctly identifies the phenomena and the muscle types based on the above graphs:**

- A. Graph-1 represents the All-or-None Law in skeletal muscle; Graph-2 represents Staircase phenomenon in cardiac muscle.
- B. Graph-1 represents Staircase phenomenon in both skeletal and cardiac muscle; Graph-2 represents the All-or-None Law in a single muscle fiber or the whole heart.
- C. Graph-1 is only possible in cardiac muscle; Graph-2 is only possible in skeletal muscle.
- D. Graph-1 & Graph-2 represent the All-or-None Law, but Graph-1 is for a whole skeletal muscle while Graph-2 is for a single motor unit



## QUESTION BOOKLET



# Ph.D. Entrance Examination 2026-27

## 06. PANCHAKARMA



DATE: \_\_\_\_\_

Name of the Candidate: \_\_\_\_\_

Roll No. of the Candidate: \_\_\_\_\_

Signature of the Candidate: \_\_\_\_\_

Signature of the Invigilator: \_\_\_\_\_

**DO NOT OPEN THIS QUESTION BOOKLET UNTIL YOU ARE TOLD TO DO SO**

### GENERAL INSTRUCTIONS

1. IMMEDIATELY AFTER THE COMMENCEMENT OF EXAMINATION, YOU SHOULD CHECK THAT THIS QUESTION BOOKLET DOES NOT HAVE ANY UNPRINTED TO TORN OR MISSING PAGES OR ITEMS ETC. IF SO, GET IT REPLACED BY A COMPLETE QUESTION BOOKLET.
2. Please note that it is the candidate's responsibility to fill in the roll number, subject etc carefully and without any omission or discrepancy at the appropriate places in the OMR answer Sheet. Any omission/Discrepancy will render the answer sheet liable for rejection.
3. You have to enter your Name, Roll No and signature on the Question Booklet. DO NOT write anything else on the question booklet
4. This question booklet contains **70 Questions**. There are four alternatives for the answer to every question. 01 mark will be given for each correct response.
5. **PENALTY FOR WRONG ANSWERS:** There will be penalty for wrong answers marked by a candidate.
  - a. For each question for which a wrong answer has been given by the candidate, **one-fourth** of the marks assigned to that question will be deducted as penalty.
  - b. If a candidate gives more than one answer, it will be treated as a wrong answer even if one of the given answers happens to be correct and there will same penalty as above to that question.
  - c. If a question is left blank, i.e. No answer is given by the candidate, there will no penalty for that question
6. The duration of the Entrance Examination (for both parts) will be **75 minutes**
7. You have to mark all your responses **ONLY** on the provided OMR answer sheet.
8. After you have completed filling in all your responses on the OMR answer sheet and the examination has concluded, you should hand over to the invigilator OMR Answer sheet and Question Booklet.
9. Blank page at the end of the question booklet may be used for rough work.

- 1. In a population, Blood group is measured. What type of scale measurement is it?**
  - A. Interval
  - B. Ordinal
  - C. Nominal
  - D. Ratio
  
- 2. Selecting participants considering their availability at a particular time and place in research study is known as**
  - A. Convenient sampling
  - B. Purposive sampling
  - C. Snowball sampling
  - D. Stratified sampling
  
- 3. Median can be measured graphically using**
  - A. Scatter Diagram
  - B. Frequency Polygon
  - C. Cumulative Frequency diagram
  - D. Frequency Curve
  
- 4. A researcher was examining correlation between height of father and their son and calculated correlation coefficient as +1.007. What would be your reaction to this observation on correctness?**
  - A. Absolutely possible
  - B. Absolutely Impossible
  - C. Possibly Correct
  - D. Possibly Impossible
  
- 5. An observational study to establish cause-effect relationship between two or more factors observed under natural course is called**
  - A. Descriptive Study
  - B. Analytical Study
  - C. Randomized study
  - D. Intervention study

- 6. To conduct an incidence study, what type of study design should be used?**
- A. Cross-sectional Design
  - B. Cohort Design
  - C. Case-control design
  - D. Randomized control Design
- 7. Suppose you wish to measure the trend of responses of a treatment intervention longitudinally after 3-4 short, predefined observation periods. Which study design would be suitable?**
- A. Cross-over
  - B. Pre-Post
  - C. Sequential
  - D. Repeated Measure
- 8. The normal range of blood pressure reading 120/80 for systolic/diastolic comes from data observed on healthy persons. In statistical terms what does it indicate?**
- A. Statistical Threshold (Mean/SD)
  - B. Statistical Threshold (Mean and SD)
  - C. Statistical Threshold ( $SD \pm$  Mean)
  - D. Statistical Threshold ( $Mean \pm 2SD$ )
- 9. Results of binary response (Yes/No) of two different methods were cross tabulated, how to assess discordance between two responses by an appropriate statistical test?**
- A. ANOVA
  - B. Student independent test
  - C. Student t-test
  - D. McNemar Chi-square test
- 10. The cause-Effect relationship can be more certain in which study design?**
- A. Case Series
  - B. Cross-sectional
  - C. Cohort
  - D. Case report

**11. The percentage of clinical status correctly classified as cases by the test is called**

- A. Positive predictive value
- B. Negative predictive value
- C. Specificity
- D. Sensitivity

**12. The trials which are conducted to prevent the occurrence of disease are called**

- A. Clinical trial
- B. Laboratory trial
- C. Prophylactic trial
- D. Hospital based trials

**13. A centralized digital platform created by the Indian Cybercrime Coordination Centre to expedite the removal of unlawful online content is \_\_\_\_**

- A. ASHTADASHI
- B. SUGAMA
- C. SAHYOG
- D. BHAVISHYA

**14. Refusal to participate at any point during the research process, as not signing a consent form, or may be verbally stated, or indicated by indirect verbal or non-verbal behaviors is known as \_\_\_\_\_**

- A. Debriefing
- B. Dissent
- C. Deception
- D. Coercion

15. As a part of survey to understand the quality of healthcare facilities at AIIA, the Medical Superintendent asks, "How satisfied you are with hospital services?" The responses were recorded as "Very satisfied, Satisfied, Neutral, Dissatisfied, Very dissatisfied" The kind of scale being used here is \_\_\_\_\_
- A. Nominal
  - B. Ordinal
  - C. Interval
  - D. Ratio
16. A researcher has developed a new 10-item scale measuring anxiety in Alzheimer's patients. The Cronbach's alpha coefficient is calculated to be 0.60. How should the researcher interpret this?
- A. The scale has excellent reliability & can be used immediately.
  - B. The scale has low internal consistency & needs item refinement.
  - C. The scale has good test-retest stability.
  - D. The scale is measuring two different concepts.
17. The metric, a researcher should use to measure how much their published paper is being discussed, shared, and cited on social media platforms like Twitter, Mendeley, and blogs, rather than just in formal journals is \_\_\_\_\_
- A. Citation impact
  - B. Altmetrics
  - C. Source Normalized Impact per Paper
  - D. g-index
18. 'X' is a well-known industry in India, starts using a logo very similar to another familiar international brand, 'Y', causing confusion among consumers. What can 'Y' sue for?
- A. Patent Infringement
  - B. Trademark Infringement
  - C. Copyright Infringement
  - D. Trade Secret Theft

- 19. SCARE Guidelines are framed for \_\_\_\_\_**
- A. Reporting of Surgical Case Reports
  - B. Reporting Animal pre-clinical Studies
  - C. Reporting Observational Studies
  - D. Reporting Study Protocols
- 20. Schedule C of Food Safety and Standards (Ayurveda Aahara) Regulations, 2022 holds information on \_\_\_\_\_**
- A. List of Additives permitted in Ayurveda Aahara
  - B. Microbiological Standards for Ayurveda Aahara
  - C. Categories of Ayurveda Aahara and Regulatory Requirements
  - D. List of authoritative books for Ayurveda Aahara
- 21. Industry–research interface programme launched by CCRAS in collaboration with the Confederation of Indian Industry for advancing the scientific, industrial, & commercial ecosystem of Ayurveda is \_\_\_\_.**
- A. AMAR
  - B. SAHI
  - C. SIDDHI
  - D. e-MEDHA
- 22. In a clinical trial, the factor ATTRITION is referred to \_\_\_\_\_**
- A. Loss of enrolled participants over time
  - B. Documenting compliance to the interventional protocol
  - C. Taking consent from vulnerable groups of participants
  - D. Mechanism of ensuring safety during the trial period
- 23. An investigator conducting a KAP study in an academic institution announced in the class that, "*Students who participate in the study will get a 5% bonus on their final exam, while those who do not will have to complete an extra assignment.*" This approach can be considered as \_\_\_\_\_**
- A. Reasonable incentive
  - B. An act of Coercion
  - C. Violating Confidentiality
  - D. Falsification of information

- 24. OECD Test 403 issues guidelines for conducting \_\_\_\_\_**
- A. Acute Inhalation toxicity
  - B. Repeated Dose Dermal toxicity
  - C. Genetic toxicity
  - D. Carcinogenicity
- 25. National Ethics Committee Registry for Biomedical and Health Research is managed by \_\_\_\_\_**
- A. Department of Health Research
  - B. All India Institute of Medical Sciences
  - C. Council for Scientific and Industrial Research
  - D. Ministry of Ayush
- 26. Internal validity of a study refers to:**
- A. Generalizability of results to other populations
  - B. Extent to which observed effects are due to the independent variable
  - C. Size of the study sample
  - D. Replication of the study in different settings
- 27. Which guideline is used for reporting diagnostic test accuracy studies?**
- A. CONSORT
  - B. STROBE
  - C. CARE
  - D. STARD
- 28. What is the purpose of adding an asterisk\* at the end of a word when searching The Cochrane Library?**
- A. Searches it as a phrase
  - B. Combines like or synonymous terms
  - C. Will search for variant endings
  - D. Narrows a search

- 29. As per the NDCTR-2019 Chapter-III, the Ethics Committees are required to maintain the documents related to the structure, composition, and functions for up to?**
- A. Three Years
  - B. Five Years
  - C. Seven Years
  - D. Lifetime
- 30. Carcinogenicity studies should be performed for all drugs that are expected to be clinically used for more than \_\_\_\_\_ months as well as for drugs used frequently in an intermittent manner in the treatment of chronic or recurrent conditions.**
- A. Six Months
  - B. Nine Months
  - C. One year
  - D. Lifetime
- 31. Drawing a small sample of blood for Testing in a research protocol involves the following risk category.**
- A. Less than minimal risk
  - B. Minimal risk
  - C. Minor increase over minimal risk or Low risk
  - D. More than minimal risk or High risk
- 32. A doctoral Ayurveda scholar receives an email from an *International Journal for Traditional Medicine* praising scholar's previous publication and requesting to submit a new manuscript within 5 days for a guaranteed "rapid peer review" for a processing fee of \$1500. The best response expected from the scholar in such condition is \_\_\_\_\_**
- A. Submit research outcomes immediately to get ahead of the fellow researchers.
  - B. Reply to the email to negotiate the fee.
  - C. Ignore the email and independently look up the journal's reputation on DOAJ.
  - D. Acknowledge to the sender and request for some time to submit manuscript.

**33. If the weight of 1000 adult females follow a normal distribution, the percentage of females who have more than two standard deviations above the mean weight will be:**

- A. 0.5
- B. 2.5
- C. 0.01
- D. 0.05

**34. In multiple regression analysis, the number of dependent variables should be:**

- A. Two
- B. Three
- C. No limit (any number of variables)
- D. One

**35. What is the purpose of the "ShodhShuddhi" initiative?**

- A. Enhance student enrollment
- B. Provide access to plagiarism detection software
- C. Promote research funding
- D. Generate an online Research database

**36. According to Astanga Hridaya, Shyava- Rakta Mandala Utpatti is a symptom of –**

- A. Virechana Atiyoga (विरेचन अतियोग)
- B. Swedana Ayoga (स्वेदन अयोग)
- C. Swedana Atiyoga (स्वेदन अतियोग)
- D. Virechana Ayoga (विरेचन अयोग)

**37. According to Charaka, which of the following Sneha is advised for विद्धभग्नाहतभ्रष्टयोनिकर्णशिरोरुजि?**

- A. Sarpi (सर्पि)
- B. Taila (तैल)
- C. Vasa (वसा)
- D. Majja (मज्जा)

**38. Tikshna Vamaka aushadhi administered to a person having Mridu Koshtha, Kshuda and alpa utklishta Kapha leads to --**

- A. Ubhaya Shodhana
- B. Virechana
- C. Excessive Vamana
- D. Raktapitta

**39. According to Charaka, शेष दोष (Remaining dosha) due to inadequate shodhana by Vamana or virechana to be treated with-**

- A. Administration of Vamaka/virechaka drugs on next day
- B. The Vamaka Dravya should be administered again till there is 'Apittadarshana'
- C. Antarapana
- D. Virechana dravya should be administered again till kapha darshana

**40. As per Charak, Vamana is contraindicated in Samvruta Koshtha because it causes -**

- A. Kshata Vriddhi.
- B. Hridaya Aghata
- C. Visarpa
- D. Ati -Rakta Pravarti

- 41. According to Charaka, Virechana in Adhmaana causes -**
- A. Angagraha
  - B. Teevra Anaha
  - C. Virechana Ayoga
  - D. Amadosha
- 42. According to Charaka, नवज्वरि- मदात्ययिता are contraindicated for which karma?**
- A. Vamana
  - B. Snehanpana
  - C. Virechana
  - D. Swedana
- 43. The property of Erandmooladi Nirhubasti are -**
- A. Deepana & Balya
  - B. Deepana & Lekhana
  - C. Deepana & Brimhana
  - D. Deepana & Vrishya
- 44. Site for Siravyadha in jwara according to Ashtanga Hridaya is \_\_\_\_\_**
- A. Bahu
  - B. Lalata
  - C. Karna moola
  - D. Uru
- 45. According to Sushruta, what is the Pravara Matra of blood to be let out in Siravyadha Karma?**
- A. 12.5 Pala
  - B. 13.5 Pala
  - C. 14.5 Pala
  - D. 15.5 Pala

**46. The Parihaara kala of Siravyadha, according to Sushruta Samhita, is....**

- A. 15 days
- B. 01 month
- C. 07 days
- D. 02 months

**47. What is Katwara in Ashta Katwara taila?**

- A. Dugdha
- B. Dadhi
- C. Takra
- D. Mastu

**48. According to Sushruta, Kanthimadh Vapu (कान्तिमद्धपु) is the specific benefit explained for\_\_\_\_\_**

- A. Udwartana
- B. Udgharshana
- C. Utsadana
- D. Pratisarana

**49. According to Charaka, Rasnadi Pralepa (रास्नादि प्रलेप) is indicated in which of the following condition**

- A. Shiro Ruja शिरोरूजा
- B. Prishta Ruja पृष्ठरूजा
- C. Parshawa Ruja पार्श्वरूजा
- D. Udara Ruja उदररूजा

**50. According to Acharya Charaka रक्तमोक्षण (Raktamokshana) is the treatment of \_\_\_\_\_ Vega Dharana**

- A. Shukra शुक्र
- B. Jrimbha जृम्भा
- C. Chardi छर्दि
- D. Kshavthu क्षवथू

**51. According to Charaka, which Rasas are given in last of Rasasamsarjana रस संसर्जन**

- A. Swadu Tikta स्वादुतिक्त
- B. Swadu Amla स्वादुऽम्ल
- C. Kashya Katu कषायकटु
- D. Kashya Amla कषायऽम्ल

**52. According to Kashyapa, वंशमुञ्जनलाट्टैश्च यथायोगंयथासुखम is mentioned in regards**

- A. Basti Netra बस्ति नेत्र
- B. Nadi Sweda Yantra नाडी स्वेद यंत्र
- C. Raktamokshana Yantra रक्तमोक्षण यंत्र
- D. Dhoompana Yantra धूमपान यन्त्र

**53. As per Ashtanga samgraha, Which Vamana posture will lead to "पृष्ठहृदयपीडा" (Prishtahridyapida)**

- A. अत्युन्नतस्य (Atiunnatasya)
- B. पार्श्वपवृत्तस्य (Parshwapvratasya)
- C. अत्यवनतस्य (Atiavatansya)
- D. पार्श्वतिपवृत्तस्य (Parshwatiapvratasya)

**54. According to Ashtanga Hridaya, which type of Nasya is indicated for Apasmara अपस्मार and कृच्छ्रबोधे (Kricchbodhe) respectively**

- A. Shamana, Virechana शमन, विरेचन
- B. Brimhana, Virechana बृंहण, विरेचन
- C. Virechana, Brimhana विरेचन, बृंहण
- D. Shamana, Brimhana शमन, बृंहण

**55. According to Ashtanga Hridya, गुड़शुंठी नस्य is advised in the management of**

- A. Shwasa श्वास
- B. Kasa कास
- C. Jawara ज्वर
- D. Unmada उन्माद

**56. According to which text "भूरिपानं" (Bhooripanam) is considered as Niragni Sweda निराग्नि स्वेद**

- A. Ashtanga Hridya अष्टांग हृदय
- B. Kashyapa Samhita काश्यप संहिता
- C. Sushruta Samhita सुश्रुत संहिता
- D. Bhela Samhita भेल संहिता

**57. As per Ashtanga Sangraha, which is termed as" कष्टविभ्रंशा" (Kasthavibhransha) ---**

- A. Tilwaka तिल्वक
- B. Sudha सुधा
- C. Danti दंती
- D. Madanphala मदनफल

**58. According to Sushruta, if Apakva Sneha (अपक्व स्नेह) is used in Basti, it will cause**

- A. Gudaupdeha, Shopha गुदउपदेह ,शोफ
- B. Vibandha, Adhamana आध्मान, विबंध
- C. Anaha ,Klama आनाह, क्लम
- D. Vibandha , Gudashoola विबंध, गुदशूल

**59. As per Chakrapani, 'Praskandanam' means**

- A. Pravahika
- B. Virechana
- C. Rakta stambhana
- D. Kantha Kshanana

**60. Kritavedhana Phala is the best drug to be used for Niruha in \_\_\_\_\_ Disease as explained in Phala Matra Siddhi Adhyaya**

- A. Hridroga
- B. Pandu
- C. Prameha
- D. Udara

**61. Provide the context of the following verse regarding atiyoga of**

***Rakta Nirharana.* खाञ्ज्यादीन् वातरोगांश्च मृत्युं चात्यवसेचनात् |**

**कुर्यात्तस्मात् प्रमाणेन स्निग्धाद्रक्तं विनिर्हरेत् ||**

- A. Visarpa Chikitsa
- B. Vidradhi Chikitsa
- C. Dushta Vrana Chikitsa
- D. Vatarakta Chikitsa

**62. Which is 'Ubhayato Bhaga Harani Dravya' amongst following as per Samshodhana Samshamaneeya adhyaya by Sushruta?**

- A. Saptala
- B. Madhuyashti
- C. Kampillaka
- D. Danti

**63. According to Ashtanga Hridaya, choose the most appropriate option**

कुष्ठिनं स्नेहपानेन पूर्वं सर्वमुपाचरेत्।

तत्र वातोत्तरे \_\_\_\_\_ साधितं हितम्।

- A. घृतं
- B. तैलं
- C. तैलं घृतं वा
- D. मज्जा घृतं वा

**64. According to Sushruta, in which clinical condition, the following statement remains true, अवश्यं स्थापनीयास्ते नानुवास्याः कथञ्चन ||**

- A. Jvari
- B. Grahani
- C. Gulmi
- D. Pramehi

**65. Fill in the blank space;**

कफप्रधानानुत्किलष्टान् दोषानामाशयस्थितान् ।

बुद्ध्वा \_\_\_\_\_ करान् काले वम्यानां वमनैर्हरेत् ।

- A. कुष्ठ
- B. अपस्मार
- C. उन्माद
- D. ज्वर

**66. As per Vrুদ্ধha Vagbhata, which one of the following is the outcome of administration of Pratimarsha Nasya in the morning or after taking meals?**

- A. श्रमकलमस्वेदस्तम्भनाशः भवति।
- B. निद्रा-शेषगौरवप्रणाशो मनःप्रसादश्च भवति।
- C. स्रोतोलीनश्लेष्मव्यपोहः भवति।
- D. स्रोतोविशुद्धिः शिरोलाघवं मनःप्रसादश्च भवति।

**67. यापनान् क्षीरबर्तीश्च शीलयेत्सानुवासनान् || मार्दवीकारिष्टयोगांश्च पिबेद्युक्त्याग्निवृद्धये |**

**Above treatment is prescribed by Charaka for\_\_\_\_\_**

- A. *Avruta vata*
- B. *Haleemaka*
- C. *Pandu*
- D. *Grahani*

**68. कृतः सिराव्यधो यस्य कृतं यस्य च शोधनम् |**

**स ना परिहरेत्..... यावद्वा बलवान् भवेत् || Fill in the blanks in reference to Sushruta samhita**

- A. त्र्यहं
- B. सप्तरात्रं
- C. मासं
- D. पक्षात्

**69. According to Astanga Hridaya, in which one of the following conditions, Vairechanika Dhoomapana is suggested?**

- A. *Snana*
- B. *Jrumbha*
- C. *Danta kashtha*
- D. *Hasya*

**70. According to Charaka, *Shirovirechana* administered in which of the following leads to "ऊष्मा नेत्रनाडीरनुसृत्य तिमिरं ज्वरवृद्धिं"?**

- A. पीतस्नेहमद्यतोयपातुकामानां कृते च पिबतां
- B. स्नातशिरसः कृते च स्नानाच्छिरसः
- C. नवप्रतिश्यायार्तस्य
- D. नवज्वरशोकाभितप्तयोः





## QUESTION BOOKLET



# Ph.D. Entrance Examination 2026-27

## 07. PRASOOTI TANTRA-STREE ROGA



DATE: \_\_\_\_\_

Name of the Candidate: \_\_\_\_\_

Roll No. of the Candidate: \_\_\_\_\_

Signature of the Candidate: \_\_\_\_\_

Signature of the Invigilator: \_\_\_\_\_

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- 1. In a population, Blood group is measured. What type of scale measurement is it?**
  - A. Interval
  - B. Ordinal
  - C. Nominal
  - D. Ratio
  
- 2. Selecting participants considering their availability at a particular time and place in research study is known as**
  - A. Convenient sampling
  - B. Purposive sampling
  - C. Snowball sampling
  - D. Stratified sampling
  
- 3. Median can be measured graphically using**
  - A. Scatter Diagram
  - B. Frequency Polygon
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- 5. An observational study to establish cause-effect relationship between two or more factors observed under natural course is called**
  - A. Descriptive Study
  - B. Analytical Study
  - C. Randomized study
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- 6. To conduct an incidence study, what type of study design should be used?**
- A. Cross-sectional Design
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  - C. Case-control design
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- 7. Suppose you wish to measure the trend of responses of a treatment intervention longitudinally after 3-4 short, predefined observation periods. Which study design would be suitable?**
- A. Cross-over
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- 8. The normal range of blood pressure reading 120/80 for systolic/diastolic comes from data observed on healthy persons. In statistical terms what does it indicate?**
- A. Statistical Threshold (Mean/SD)
  - B. Statistical Threshold (Mean and SD)
  - C. Statistical Threshold ( $SD \pm$  Mean)
  - D. Statistical Threshold ( $Mean \pm 2SD$ )
- 9. Results of binary response (Yes/No) of two different methods were cross tabulated, how to assess discordance between two responses by an appropriate statistical test?**
- A. ANOVA
  - B. Student independent test
  - C. Student t-test
  - D. McNemar Chi-square test
- 10. The cause-Effect relationship can be more certain in which study design?**
- A. Case Series
  - B. Cross-sectional
  - C. Cohort
  - D. Case report

- 11. The percentage of clinical status correctly classified as cases by the test is called**
- A. Positive predictive value
  - B. Negative predictive value
  - C. Specificity
  - D. Sensitivity
- 12. The trials which are conducted to prevent the occurrence of disease are called**
- A. Clinical trial
  - B. Laboratory trial
  - C. Prophylactic trial
  - D. Hospital based trials
- 13. A centralized digital platform created by the Indian Cybercrime Coordination Centre to expedite the removal of unlawful online content is \_\_\_\_\_**
- A. ASHTADASHI
  - B. SUGAMA
  - C. SAHYOG
  - D. BHAVISHYA
- 14. Refusal to participate at any point during the research process, as not signing a consent form, or may be verbally stated, or indicated by indirect verbal or non-verbal behaviors is known as \_\_\_\_\_**
- A. Debriefing
  - B. Dissent
  - C. Deception
  - D. Coercion

- 15. As a part of survey to understand the quality of healthcare facilities at AIIA, the Medical Superintendent asks, "How satisfied you are with hospital services?" The responses were recorded as "Very satisfied, Satisfied, Neutral, Dissatisfied, Very dissatisfied" The kind of scale being used here is \_\_\_\_\_**
- A. Nominal
  - B. Ordinal
  - C. Interval
  - D. Ratio
- 16. A researcher has developed a new 10-item scale measuring anxiety in Alzheimer's patients. The Cronbach's alpha coefficient is calculated to be 0.60. How should the researcher interpret this?**
- A. The scale has excellent reliability & can be used immediately.
  - B. The scale has low internal consistency & needs item refinement.
  - C. The scale has good test-retest stability.
  - D. The scale is measuring two different concepts
- 17. The metric, a researcher should use to measure how much their published paper is being discussed, shared, and cited on social media platforms like Twitter, Mendeley, and blogs, rather than just in formal journals is \_\_\_\_\_**
- A. Citation impact
  - B. Altmetrics
  - C. Source Normalized Impact per Paper
  - D. g-index
- 18. 'X' is a well-known industry in India, starts using a logo very similar to another familiar international brand, 'Y', causing confusion among consumers. What can 'Y' sue for?**
- A. Patent Infringement
  - B. Trademark Infringement
  - C. Copyright Infringement
  - D. Trade Secret Theft

19. **SCARE Guidelines are framed for \_\_\_\_\_**
- A. Reporting of Surgical Case Reports
  - B. Reporting Animal pre-clinical Studies
  - C. Reporting Observational Studies
  - D. Reporting Study Protocols
20. **Schedule C of Food Safety and Standards (Ayurveda Aahara) Regulations, 2022 holds information on \_\_\_\_\_**
- A. List of Additives permitted in Ayurveda Aahara
  - B. Microbiological Standards for Ayurveda Aahara
  - C. Categories of Ayurveda Aahara and Regulatory Requirements
  - D. List of authoritative books for Ayurveda Aahara
21. **Industry–research interface programme launched by CCRAS in collaboration with the Confederation of Indian Industry for advancing the scientific, industrial, & commercial ecosystem of Ayurveda is \_\_\_\_.**
- A. AMAR
  - B. SAHI
  - C. SIDDHI
  - D. e-MEDHA
22. **In a clinical trial, the factor ATTRITION is referred to \_\_\_\_\_**
- A. Loss of enrolled participants over time
  - B. Documenting compliance to the interventional protocol
  - C. Taking consent from vulnerable groups of participants
  - D. Mechanism of ensuring safety during the trial period
23. **An investigator conducting a KAP study in an academic institution announced in the class that, "*Students who participate in the study will get a 5% bonus on their final exam, while those who do not will have to complete an extra assignment.*" This approach can be considered as \_\_\_\_\_**
- A. Reasonable incentive
  - B. An act of Coercion
  - C. Violating Confidentiality
  - D. Falsification of information

- 24. OECD Test 403 issues guidelines for conducting \_\_\_\_\_**
- A. Acute Inhalation toxicity
  - B. Repeated Dose Dermal toxicity
  - C. Genetic toxicity
  - D. Carcinogenicity
- 25. National Ethics Committee Registry for Biomedical and Health Research is managed by \_\_\_\_\_**
- A. Department of Health Research
  - B. All India Institute of Medical Sciences
  - C. Council for Scientific and Industrial Research
  - D. Ministry of Ayush
- 26. Internal validity of a study refers to:**
- A. Generalizability of results to other populations
  - B. Extent to which observed effects are due to the independent variable
  - C. Size of the study sample
  - D. Replication of the study in different settings
- 27. Which guideline is used for reporting diagnostic test accuracy studies?**
- A. CONSORT
  - B. STROBE
  - C. CARE
  - D. STARD
- 28. What is the purpose of adding an asterisk\* at the end of a word when searching The Cochrane Library?**
- A. Searches it as a phrase
  - B. Combines like or synonymous terms
  - C. Will search for variant endings
  - D. Narrows a search

- 29. As per the NDCTR-2019 Chapter-III, the Ethics Committees are required to maintain the documents related to the structure, composition, and functions for up to?**
- A. Three Years
  - B. Five Years
  - C. Seven Years
  - D. Lifetime
- 30. Carcinogenicity studies should be performed for all drugs that are expected to be clinically used for more than \_\_\_\_ months as well as for drugs used frequently in an intermittent manner in the treatment of chronic or recurrent conditions.**
- A. Six Months
  - B. Nine Months
  - C. One year
  - D. Lifetime
- 31. Drawing a small sample of blood for Testing in a research protocol involves the following risk category.**
- A. Less than minimal risk
  - B. Minimal risk
  - C. Minor increase over minimal risk or Low risk
  - D. More than minimal risk or High risk
- 32. A doctoral Ayurveda scholar receives an email from an *International Journal for Traditional Medicine* praising scholar's previous publication and requesting to submit a new manuscript within 5 days for a guaranteed "rapid peer review" for a processing fee of \$1500. The best response expected from the scholar in such condition is \_\_\_\_\_**
- A. Submit research outcomes immediately to get ahead of the fellow researchers.
  - B. Reply to the email to negotiate the fee.
  - C. Ignore the email and independently look up the journal's reputation on DOAJ.
  - D. Acknowledge to the sender and request for some time to submit manuscript.

- 33. If the weight of 1000 adult females follows a normal distribution, the percentage of females who have more than two standard deviations above the mean weight will be:**
- A. 0.5
  - B. 2.5
  - C. 0.01
  - D. 0.05
- 34. In multiple regression analysis, the number of dependent variables should be:**
- A. Two
  - B. Three
  - C. No limit (any number of variables)
  - D. One
- 35. What is the purpose of the "ShodhShuddhi" initiative?**
- A. Enhance student enrollment
  - B. Provide access to plagiarism detection software
  - C. Promote research funding
  - D. Generate an online Research database
- 36. Which of the following is not a matruja bhava ?**
- A. Nabhi
  - B. Vapavahan
  - C. Snayu
  - D. Purishdhanam
- 37. According to Sushruta Samhita which kshara is used for Raktgulma treatment?**
- A. Apamarga kshara
  - B. Palash Kshara
  - C. Snuhi Kshara
  - D. Arka kshara
- 38. क्रोधशोकावात्सल्याविभिश्च.....|What does the above related to?**
- A. Garbha kshaya hetu
  - B. Garbhopghatkar bhava
  - C. Stanyanasha hetu
  - D. Garbhinivyapat hetu

39. **According to Sushruta Samhita in which month of pregnancy is Tamravalli, Shatavari used to prevent abortion?**
- A. First Month
  - B. Second Month
  - C. Third Month
  - D. Fourth month
40. **“प्रभातसमये पीतं जलप्रदरनाशम्” What has been advised to be used in the above mentioned Jalapradar treatment?**
- A. Rasanjan + Tandulodaka
  - B. Lodhra churna + Madhu
  - C. Doorvamoola + Tandulodaka
  - D. Chakramarda Moola + Tandulodaka
41. **According to Sushruta Samhita what has been advised to be used in treatment of alpasparsata of yoni?**
- A. Payas, Vesawar dharan
  - B. Haridra, Brahuti phala kalk Pooran
  - C. Udumbar taila pichu dharan
  - D. Palash, Udumbar phala lepan
42. **According to Ashtang Hridya which disease considered as bhaga-artava nashkarak?**
- A. Yonikanda
  - B. Yonisrava
  - C. Yoni Arsha
  - D. Yoni Bhransa
43. **Which swaras used as bhavana dravya for pradarripu ras preparation?**
- A. Durva swaras
  - B. Vasa swaras
  - C. Usheer swaras
  - D. Guduchi swaras
44. **According to Acharya dalhan, garbhanadi originates from\_\_\_\_\_**
- A. Rasa dhatu
  - B. Rakta dhatu
  - C. Kapha dhatu
  - D. Mansa dhatu
45. **Abnormal peripheral smear (schistocytosis, burr cells) is observed in which condition?**
- A. Down’s Syndrome
  - B. Sheehan Syndrome
  - C. HELLP Syndrome
  - D. Tissue Toxic Syndrome

46. **Schauta's operation also known as \_\_\_\_\_**  
A. Pan hysterectomy  
B. Total hysterectomy  
C. Radical vaginal hysterectomy  
D. Subtotal hysterectomy
47. **Wood's Maneuver" related to which condition?**  
A. Breech Delivery  
B. Retention of placenta  
C. Cord prolapse  
D. Shoulder Dystocia
48. **Which of the following is used as the progestin component in most fourth-generation combined oral contraceptives?**  
A. Desogestrel  
B. Levonorgestrel  
C. Drospirenone  
D. Norethindrone acetate
49. **Which of the following options is correct?**

**Assertion (A):** Polyhydramnios can result from foetal anencephaly.

**Reason (R):** In anencephaly, absence of swallowing reflex reduces amniotic fluid absorption, leading to increased fluid volume.

- A. Both A and R are true, and R is the correct explanation of A  
B. Both A and R are true, but R is not the correct explanation of A  
C. A is true, R is false  
D. A is false, R is true
50. **Which of the following correctly matches the peak levels of alpha-fetoprotein (AFP) in fetal/amniotic fluid and in maternal serum?**  
A. Fetal AFP peaks at 8 weeks; maternal AFP peaks at 28 weeks  
B. Fetal AFP peaks at 13 weeks; maternal AFP peaks at 32 weeks  
C. Fetal AFP peaks at 20 weeks; maternal AFP peaks at 24 weeks  
D. Fetal AFP peaks at 32 weeks; maternal AFP peaks at 13 weeks
51. **“गर्भं दधाति” refers to the phalaśruti of which ghrita?**  
A. Kamadeva Ghrita  
B. Paniya Kalyanaka Ghrita  
C. Sheeta Kalyana Ghrita  
D. Kashmaryadi Ghrita

**52. Match the following**

Column-I	Column-II
a) Streepushpam na pashyati (स्त्रीपुष्पं न पश्यति)	1) Vikuta (विकुटा)
b) Vinapushpam (विनापुष्पं)	2) Pushpaghani (पुष्पघ्नी)
c) Vrutha pushpam( वृथा पुष्पं)	3) Katambhara (कटम्भरा)
d) Vishamam pushpa mruchyati( विषमं पुष्पं मृच्छति)	4) Shushka Revati(शुष्क रेवती)

- A. a-1, b-2, c-3, d-4  
B. a- 4, b-2, c-3, d- 1  
C. a- 4, b-3, c- 2, d- 1  
D. a- 1, b- 4, c-3, d- 2

**53. गर्भस्फुरणे मुहुर्मुहुस्तत्सन्धारणार्थं क्षीर..... पाययेत्**

- A. उदुम्बरादि गण  
B. न्यग्रोधादि गण  
C. तृणपंचमूलादि गण  
D. उत्पलादि गण

**54. यदा पुनरस्या शोणिते गर्भाशय बीजभागावयवा प्रदोषमापधते तदा....जनयति?**

- A. वार्ता  
B. बंध्या  
C. पूतिप्रजा  
D. षंडी

**55. According to Acharya Susruta, Uchvasaputitvam (उच्छ्वासपूतित्वम्) is the clinical feature of:**

- A. Intrauterine death of fetus  
B. Fetal growth retardation  
C. Macrosomia  
D. Retained Placenta

**56. A Pseudosinusoidal or Saw-Tooth Pattern, rather than a smooth sine-wave form, may be observed on CTG in the following conditions:**

- A. Foetal Anaemia  
B. After Analgesic/ Sedative Drugs  
C. Foetal Hypoxia/ Acidosis  
D. Vasa Previa

57. "नीलोद्धतसिरा हन्ति सा गर्भ" - indicated in:
- Bijaka (बीजक)
  - Parshvapavritta (पार्श्वपवृत्त)
  - Sadhya Mudhgarbha (साध्य मूढगर्भ)
  - Asadhya Mudhgarbha (असाध्य मूढगर्भ)
58. "स योनिं शिरसा याति स्वभावात् प्रसवम् प्रति" According to Acharya Dalhana, what is the responsible factor for this "Svabhava" (natural tendency)?
- Head being the heaviest part of the body
  - Intrauterine position of the fetus, i.e., head being the lowermost
  - Deeds of previous life
  - The nature of Prasooti Maruta (labour-inducing Vata)
59. According to Chakrapani, Anartava is a symptom of which Yonivyapada?
- Shushka (शुष्का)
  - Vatala (वातला)
  - Shandi (षण्डी)
  - Arajska (अरजस्का)
60. According to Acharya Sushruta, Jwara, Trishna, and Daha are the Lakshanas of which type of Stana Vidradhi?
- Vataja Stana Vidradhi (वातज स्तन विद्रधि)
  - Pittaja Stana Vidradhi (पित्तज स्तन विद्रधि)
  - Kaphaja Stana Vidradhi (कफज स्तन विद्रधि)
  - Abhigataja Stana Vidradhi (अभिघातज स्तन विद्रधि)
61. According to Acharya Sushruta, which of the following is not a complication (Upadrava) of Asrigdara?
- Shotha (शोथ)
  - Dourbalya (दौर्बल्य)
  - Pralapa (प्रलाप)
  - Tandra (तन्द्रा)

- 62. According to Harita, "Kusumbharasa-nibham" is a symptom of which type of Artava Duṣṭi?**
- A. Vataja (वातज)
  - B. Pittaja (पित्तज)
  - C. Kaphaja (कफज)
  - D. Raktaja (रक्तज)
- 63. Which statements is true regarding Ventouse (Vaccum Extractor)**
- A. Can be applied when foetal head is above the level of ischial spine.
  - B. Maternal trauma is more frequent than forceps
  - C. Superficial Scalp abrasion and Subaponeurotic(subgaleal) hemorrhage in newborn are more frequent than forceps
  - D. Can not be used when fetal head is not fully rotated
- 64. Which solution is used for preserving curetted endometrium in suspected cases of Tubercular Endometritis?**
- A. 5% Glucose Solution
  - B. Normal saline
  - C. Formol - Saline
  - D. Bouin's solution
- 65. Cervicopexy (Purandare's operation) is mainly indicated in:**
- A. Multiparous Women with Procidencia
  - B. Congenital or nulliparous Prolapse without Cystocele
  - C. Vault Prolapse after Hysterectomy
  - D. Malignant Uterine Prolapse
- 66. In Panchajeerak Paka, Matra of Guda is.....Pala?**
- A. 10
  - B. 20
  - C. 100
  - D. 25
- 67. ....is a glycoprotein that binds the fetal membrane to the decidua?**
- A. Transferrin
  - B. Osteopontin
  - C. Fibronectin
  - D. Ceruloplasmin

- 68. If women takes equal parts of Talispatra & Gairika along with Shita-ambu on \_\_\_\_\_ day of Rajastrava kala then she becomes Vandhya?**
- A. 4<sup>th</sup>
  - B. 3<sup>rd</sup>
  - C. 1<sup>st</sup> to 4<sup>th</sup>
  - D. 1<sup>st</sup> to 3<sup>rd</sup>
- 69. Description of Abhicharajanya Vandhya is available in \_\_\_\_\_?**
- A. Rasamruta
  - B. Kashyap Samhita
  - C. Bhavaprakesha
  - D. Rasaratnasamuchchaya
- 70. During preparation of Kadlikanda Ghrita, \_\_\_\_\_ Ghrita should be added.**
- A. 100 Pala
  - B. 10 Prastha
  - C. 1 Prastha
  - D. 100 Prastha



## QUESTION BOOKLET



# Ph.D. Entrance Examination 2026-27

## 08. RASA SHASTRA AND BHAI SAJYA KALPANA



DATE: \_\_\_\_\_

Name of the Candidate: \_\_\_\_\_

Roll No.: \_\_\_\_\_

Signature of the Candidate: \_\_\_\_\_

Signature of the Invigilator: \_\_\_\_\_

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  - B. Statistical Threshold (Mean and SD)
  - C. Statistical Threshold ( $SD \pm$  Mean)
  - D. Statistical Threshold ( $Mean \pm 2SD$ )
- 9. Results of binary response (Yes/No) of two different methods were cross tabulated, how to assess discordance between two responses by an appropriate statistical test?**
- A. ANOVA
  - B. Student independent test
  - C. Student t-test
  - D. McNemar Chi-square test

- 10. The cause-Effect relationship can be more certain in which study design?**
- A. Case Series
  - B. Cross-sectional
  - C. Cohort
  - D. Case report
- 11. The percentage of clinical status correctly classified as cases by the test is called**
- A. Positive predictive value
  - B. Negative predictive value
  - C. Specificity
  - D. Sensitivity
- 12. The trials which are conducted to prevent the occurrence of disease are called**
- A. Clinical trial
  - B. Laboratory trial
  - C. Prophylactic trial
  - D. Hospital based trials
- 13. A centralized digital platform created by the Indian Cybercrime Coordination Centre to expedite the removal of unlawful online content is \_\_\_\_\_**
- A. ASHTADASHI
  - B. SUGAMA
  - C. SAHYOG
  - D. BHAVISHYA
- 14. Refusal to participate at any point during the research process, as not signing a consent form, or may be verbally stated, or indicated by indirect verbal or non-verbal behaviors is known as \_\_\_\_\_**
- A. Debriefing
  - B. Dissent
  - C. Deception
  - D. Coercion

- 15. As a part of survey to understand the quality of healthcare facilities at AIIA, the Medical Superintendent asks, "How satisfied you are with hospital services?" The responses were recorded as "Very satisfied, Satisfied, Neutral, Dissatisfied, Very dissatisfied" The kind of scale being used here is \_\_\_\_\_**
- A. Nominal
  - B. Ordinal
  - C. Interval
  - D. Ratio
- 16. A researcher has developed a new 10-item scale measuring anxiety in Alzheimer's patients. The Cronbach's alpha coefficient is calculated to be 0.60. How should the researcher interpret this?**
- A. The scale has excellent reliability & can be used immediately.
  - B. The scale has low internal consistency & needs item refinement.
  - C. The scale has good test-retest stability.
  - D. The scale is measuring two different concepts.
- 17. The metric, a researcher should use to measure how much their published paper is being discussed, shared, and cited on social media platforms like Twitter, Mendeley, and blogs, rather than just in formal journals is \_\_\_\_\_**
- A. Citation impact
  - B. Altmetrics
  - C. Source Normalized Impact per Paper
  - D. g-index
- 18. 'X' is a well-known industry in India, starts using a logo very similar to another familiar international brand, 'Y', causing confusion among consumers. What can 'Y' sue for?**
- A. Patent Infringement
  - B. Trademark Infringement
  - C. Copyright Infringement
  - D. Trade Secret Theft

- 19. SCARE Guidelines are framed for \_\_\_\_\_**
- A. Reporting of Surgical Case Reports
  - B. Reporting Animal pre-clinical Studies
  - C. Reporting Observational Studies
  - D. Reporting Study Protocols
- 20. Schedule C of Food Safety and Standards (Ayurveda Aahara) Regulations, 2022 holds information on \_\_\_\_\_**
- A. List of Additives permitted in Ayurveda Aahara
  - B. Microbiological Standards for Ayurveda Aahara
  - C. Categories of Ayurveda Aahara and Regulatory Requirements
  - D. List of authoritative books for Ayurveda Aahara
- 21. Industry–research interface programme launched by CCRAS in collaboration with the Confederation of Indian Industry for advancing the scientific, industrial, & commercial ecosystem of Ayurveda is \_\_\_\_.**
- A. AMAR
  - B. SAHI
  - C. SIDDHI
  - D. e-MEDHA
- 22. In a clinical trial, the factor ATTRITION is referred to \_\_\_\_\_**
- A. Loss of enrolled participants over time
  - B. Documenting compliance to the interventional protocol
  - C. Taking consent from vulnerable groups of participants
  - D. Mechanism of ensuring safety during the trial period
- 23. An investigator conducting a KAP study in an academic institution announced in the class that, "*Students who participate in the study will get a 5% bonus on their final exam, while those who do not will have to complete an extra assignment.*" This approach can be considered as \_\_\_\_\_**
- A. Reasonable incentive
  - B. An act of Coercion
  - C. Violating Confidentiality
  - D. Falsification of information

- 24. OECD Test 403 issues guidelines for conducting \_\_\_\_\_**
- A. Acute Inhalation toxicity
  - B. Repeated Dose Dermal toxicity
  - C. Genetic toxicity
  - D. Carcinogenicity
- 25. National Ethics Committee Registry for Biomedical and Health Research is managed by \_\_\_\_\_**
- A. Department of Health Research
  - B. All India Institute of Medical Sciences
  - C. Council for Scientific and Industrial Research
  - D. Ministry of Ayush
- 26. Internal validity of a study refers to:**
- A. Generalizability of results to other populations
  - B. Extent to which observed effects are due to the independent variable
  - C. Size of the study sample
  - D. Replication of the study in different settings
- 27. Which guideline is used for reporting diagnostic test accuracy studies?**
- A. CONSORT
  - B. STROBE
  - C. CARE
  - D. STARD
- 28. What is the purpose of adding an asterisk\* at the end of a word when searching The Cochrane Library?**
- A. Searches it as a phrase
  - B. Combines like or synonymous terms
  - C. Will search for variant endings
  - D. Narrows a search
- 29. As per the NDCTR-2019 Chapter-III, the Ethics Committees are required to maintain the documents related to the structure, composition, and functions for up to?**
- A. Three Years
  - B. Five Years
  - C. Seven Years
  - D. Lifetime

- 30. Carcinogenicity studies should be performed for all drugs that are expected to be clinically used for more than \_\_\_\_ months as well as for drugs used frequently in an intermittent manner in the treatment of chronic or recurrent conditions.**
- A. Six Months
  - B. Nine Months
  - C. One year
  - D. Lifetime
- 31. Drawing a small sample of blood for Testing in a research protocol involves the following risk category.**
- A. Less than minimal risk
  - B. Minimal risk
  - C. Minor increase over minimal risk or Low risk
  - D. More than minimal risk or High risk
- 32. A doctoral Ayurveda scholar receives an email from an *International Journal for Traditional Medicine* praising scholar's previous publication and requesting to submit a new manuscript within 5 days for a guaranteed "rapid peer review" for a processing fee of \$1500. The best response expected from the scholar in such condition is \_\_\_\_\_**
- A. Submit research outcomes immediately to get ahead of the fellow researchers.
  - B. Reply to the email to negotiate the fee.
  - C. Ignore the email and independently look up the journal's reputation on DOAJ.
  - D. Acknowledge to the sender and request for some time to submit manuscript.
- 33. If the weight of 1000 adult females follow a normal distribution, the percentage of females who have more than two standard deviations above the mean weight will be:**
- A. 0.5
  - B. 2.5
  - C. 0.01
  - D. 0.05

- 34. In multiple regression analysis, the number of dependent variables should be:**
- A. Two
  - B. Three
  - C. No limit (any number of variables)
  - D. One
- 35. What is the purpose of the "ShodhShuddhi" initiative?**
- A. Enhance student enrollment
  - B. Provide access to plagiarism detection software
  - C. Promote research funding
  - D. Generate an online Research database
- 36. As per schedule-T, Manufacturer shall submit record of market complaints once in \_\_\_\_\_ to the licensing authority.**
- A. Three months
  - B. Six months
  - C. One Year
  - D. Three Years
- 37. Accordance to classical Rasashastra texts, Pashana Karma (pounding and grinding) is to be performed in \_\_\_\_\_direction.**
- A. South
  - B. South East
  - C. North
  - D. North East
- 38. Schedule \_\_\_\_\_ of the Drugs and Cosmetics Rules, 1945, mandates that cosmetic products manufactured or imported into India must adhere to specific quality standards.**
- A. P
  - B. Q
  - C. R
  - D. S

39. As per Rasaratna Samuchhaya, the specific stage at which characteristic colors or shades of the metal or mineral are observed in the flame is known as \_\_\_\_\_
- A. Shudhavarta
  - B. Bijavarta
  - C. Nashta Pishta Lakshana
  - D. Bahishita
40. According to Rasa Ratna Samucchya, to eliminate puti dosha of Parada; \_\_\_\_\_ samskara is to be followed.
- A. Murcchana
  - B. Uthhapanana
  - C. Patana
  - D. Bodhana
41. According to Rasa Vagbhata, Varatika with \_\_\_\_\_ is regarded as Shrestha (best)
- A. Ardha Niskha Bhara
  - B. Nishka Bhara
  - C. Padon Nishka Bhara
  - D. Saardha Nishka Bhara
42. According to Rasatarangini, the prescribed antidote, if toxic effects such as vomiting occur after consuming Manashila is \_\_\_\_\_
- A. Ghee with Milk
  - B. Honey with Milk
  - C. Milk with Gomutra
  - D. Ghee with Gomutra
43. According to Sharangadhara, \_\_\_\_\_ is preferably used in an Purana (aged ) state.
- A. Vidanga
  - B. Kutaj
  - C. Guda
  - D. Ghruta

44. **Dose of Pramathya according to Sharangdhara is \_\_\_\_\_**
- A. Ardha Pala
  - B. Eka Pala
  - C. Saardha Pala
  - D. Dwi pala
45. **As per Sharangadhara Samhita, the alcoholic preparation obtained by fermenting *kanda* (tubers), *mula* (roots), *phala* (fruits), etc., along with *sneha* (fat) and *lavana* (salt) is known as \_\_\_\_\_**
- A. Sandaki
  - B. Sauviraka
  - C. Chukra
  - D. Sukta
46. **According to the Indian Pharmacopoeia, for the uniformity of weight of tablets, if the average weight of a tablet is more than 250 mg, the permissible percentage deviation is up to \_\_\_\_\_**
- A. 5
  - B. 7.5
  - C. 10
  - D. 12.5
47. **Indication of Kharjuradi Mantha as per Sharangdhara Samhita is \_\_\_\_\_**
- A. Grahani Vikara
  - B. Madya Vikara
  - C. Rajyaskhma
  - D. Pandu Vikara

48. According to Sharangdhara, the liquid media used in the preparation of Dashanga Lepa is\_\_\_\_\_
- A. Water and Cow milk
  - B. Water and Cow Ghee
  - C. Water and Honey
  - D. Cow milk and Honey
49. "Garlic Odor of the breath" is found in \_\_\_\_\_toxicity
- A. Mercury
  - B. Arsenic
  - C. Lead
  - D. Copper
50. \_\_\_\_\_is required for the biosynthesis of haemoglobin as it is a constituent of ALA synthetase.
- A. Iron
  - B. Ferrous
  - C. Silver
  - D. Copper
51. As per the Drugs and Cosmetics Act, 1940, the provisions relating to spurious drugs in Ayurveda, Siddha, and Unani systems are specified under Section\_\_\_\_\_
- A. EEA
  - B. EEB
  - C. EEC
  - D. EED
52. As per Rasendra Chudamani, "वेधाधिक्यकरं लोहे", is mentioned in which Samskara of Parada?
- A. Kramana.
  - B. Ranjana.
  - C. Sarana
  - D. Jarana

**53. According to Acharya Sharangadhara, match the Guda Prayoga with their respective indications:**

- |                  |              |
|------------------|--------------|
| (a) Guda Shunthi | (i) Arsha    |
| (b) Guda Pippali | (ii) Ajeerna |
| (c) Guda Jeeraka | (iii) Aama   |
| (d) Guda Abhaya  | (iv) Krichha |

- A. a-i, b-ii, c-iii, d-iv  
B. a-ii, b-iii, c-iv, d-i  
C. a-iii, b-ii, c-iv, d-i  
D. a-ii, b-iv, c-i, d-iii

**54. Rasa Prakasha Sudhakara referred रसेन्द्रजारणे शस्ता विडमध्ये सदा हिता in the context of \_\_\_\_\_**

- A. Navasadara  
B. Varatika  
C. Shankha  
D. Kshara

**55. स्थूलस्थाल्यां द्रवं क्षिप्त्वा वासो बद्ध्वा मुखे दृढम् I**

**तत्र स्वेद्यं विनिक्षिप्य पिधान्या प्रपिधाय च II**

**As per Rasendra Chudamani, the above description refers to \_\_\_\_\_**

- A. कुण्डक यंत्र  
B. धूपयंत्र  
C. ढेकी यंत्र  
D. जारणा यंत्र

56. According to Rasa Tarangini, Match the Kshara with their properties:

- |                    |                          |
|--------------------|--------------------------|
| (a) खज्जुघ्न क्षार | (i) व्रणदारण             |
| (b) पवित्र क्षार   | (ii) बाधिर्यनाशन         |
| (c) किणि क्षार     | (iii) गुल्मप्लीहादीनाशनः |
| (d) पर्ण क्षार     | (iv) यकृत्वृद्धिप्रशमन   |

- A. a-i, b-ii, c-iii, d-iv  
B. a-iii, b-i, c-ii, d-iv  
C. a-ii, b-iii, c-iv, d-i  
D. a-iv, b-ii, c-i, d-iii

57. As per Rasendra Chudamani "घृष्टं वर्णं घुसृणसदृशं रक्तवर्णं च दाहे छेदे किञ्चित् सितमकपिलं निर्दलं भूरिभारम्" are the qualities of best \_\_\_\_\_

- A. ताम्र  
B. स्वर्ण  
C. अभ्रक  
D. कांस्य

58. Considering Rasarnavam, fill the gap with suitable option

सामुद्रं सैन्धवं चैव चूलिकालवणं तथा।

सौवर्चलं च \_\_\_\_\_ च लवणाः पञ्च कीर्तिताः॥

- A. काचं  
B. औद्भिदं  
C. विडं  
D. रोमकं

**59. Considering Rasarnavam, fill the gap with suitable option**

.....विद्रुमच्छायं तच्च सत्वमयम्

- A. कङ्कुष्ठं
- B. मनःशिला
- C. हिङ्गुलं
- D. सिन्दूरं

**60. Considering Ayurveda Prakasha, fill the gap with suitable option**

मुक्तवैकं \_\_\_\_\_ नान्यो रसपक्षकर्तनसमर्थः I

- A. अभ्रसत्त्वं
- B. स्वर्णं
- C. माक्षिकसत्त्वं
- D. रसकं

**61. In a recent publication - Kamath, S.U., Rajendran, K., Pemiah, B. et al. Pharmacological and toxicological insights into the ayurvedic formulation Rasasindura. Sci Rep 15, 43591 (2025), the authors have observed that the SAED pattern of Rasasindura indicated the typical hexagonal arrangement of atoms for \_\_\_\_\_**

- A.  $\alpha$ -HgS
- B.  $\beta$ -HgS
- C.  $\gamma$ -HgS
- D.  $\delta$ -HgS

**62. According to Chakrapani, what is the interpretation of लोमशः in the verse**

मनःशिला त्वक् कुटजात् सकुष्ठात् सलोमशः सैडगजः करञ्जः।

ग्रन्थिश्च भौर्जः करवीरमूलं चूर्णानि साध्यानि तुषोदकेन।।Ch. Su.3/15

- A. तुत्थकम्
- B. धातुकासीसम्
- C. प्रवाला
- D. स्वर्णहालिः

**63. फलकाले फलं तस्य ग्राह्यं परिणतं च यत्।तेषां गुणवतां भारं सिकतासु निधापयेत्।। सप्तरात्रात् समुद्धृत्य शोषयेदातपे भिषक्। ततो मज्जानमुद्धृत्य शुचौ भाण्डे निधापयेत्।।**

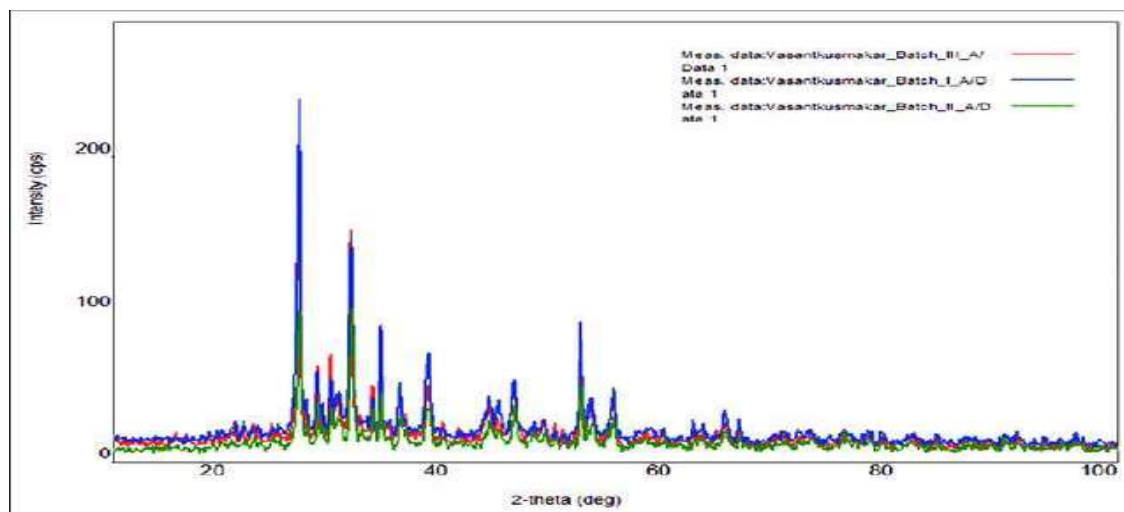
**Charaka has advocated the above method for processing of\_\_\_\_\_**

- A. Bhallataka fruits
- B. Aragwadha fruits
- C. Bilwa fruits
- D. Pippali fruits

**64. A concentration of mercury in blood in excess of \_\_\_\_\_is unexpected in normal, healthy adults and suggests the need for environmental evaluation and medical examination to assess the possibility of adverse health effects.**

- A. 1 µg/dl
- B. 2 µg/dl
- C. 3 µg/dl
- D. 4 µg/dl

65.



The above image represents data obtained through:

- A. XRD
- B. FTIR
- C. EDS
- D. NMR Spectroscopy

66. Consider the following statements

- (I) Capping is the separation of a tablet into two or more distinct layers
- (II) Subjecting tablets to the friability test is the quickest way of revealing such problems

Which is the most appropriate option:

- A. (I) is true and (II) is false
- B. (I) is false and (II) is true
- C. (I) is true and (II) is the correct measure for (I)
- D. Both (I) and (II) are false

**67. Which is the most appropriate instrument for milling Glycyrrhiza:**

- A. Ball mill
- B. Cutting Mill
- C. Roller mill
- D. Fluid energy mill

**68. A manufacturer produces an Ayurvedic formulation without a valid licence. The product is later found to be adulterated under Section 33EE. The value of the confiscated drugs is ₹15,000. What is the *minimum penalty* that can be imposed under Section 33-I?**

- A. Imprisonment up to 6 months and a fine of ₹10,000
- B. Imprisonment up to 6 months and a fine of ₹20,000
- C. Imprisonment up to 1 year and a fine of ₹ 20,000
- D. Imprisonment up to 1 year and a fine of ₹ 45,000

**69. A company develops a new proprietary Ayurvedic formulation for Kitibha Kustha that does not contain E(I) drugs as ingredients. Following requirements under Rule 158(B) should be fulfilled **except**:**

- A. Textual rationale for the indication needs to be provided
- B. Evidence of safety needs to be provided
- C. Published literature regarding the effectiveness of ingredients needs to be provided
- D. Pilot study for proof of effectiveness needs to be provided

**70. Which statement is INCORRECT for Schedule E(I) drugs of D & C Rules 1945:**

- A. Ahiphena, except seeds, is included as a poisonous substance from vegetable origin
- B. Bhangha, with seeds, is included as a poisonous substance from vegetable origin
- C. Parasika Yavani is included as a poisonous substance from vegetable origin
- D. Danti is included as a poisonous substance from vegetable origin



QUESTION BOOKLET



Ph.D. Entrance Examination 2026-27  
09. ROGA NIDANA



DATE: \_\_\_\_\_

Name of the Candidate: \_\_\_\_\_

Roll No. of the Candidate: \_\_\_\_\_

Signature of the Candidate: \_\_\_\_\_

Signature of the Invigilator: \_\_\_\_\_

DO NOT OPEN THIS QUESTION BOOKLET UNTIL YOU ARE TOLD TO DO SO

GENERAL INSTRUCTIONS

1. IMMEDIATELY AFTER THE COMMENCEMENT OF EXAMINATION, YOU SHOULD CHECK THAT THIS QUESTION BOOKLET DOES NOT HAVE ANY UNPRINTED TO TORN OR MISSING PAGES OR ITEMS ETC. IF SO, GET IT REPLACED BY A COMPLETE QUESTION BOOKLET.
2. Please note that it is the candidate's responsibility to fill in the roll number, subject etc carefully and without any omission or discrepancy at the appropriate places in the OMR answer Sheet. Any omission/Discrepancy will render the answer sheet liable for rejection.
3. You have to enter your Name, Roll No and signature on the Question Booklet. DO NOT write anything else on the question booklet
4. This question booklet contains **70 Questions**. There are four alternatives for the answer to every question. 01 mark will be given for each correct response.
5. **PENALTY FOR WRONG ANSWERS:** There will be penalty for wrong answers marked by a candidate.
  - a. For each question for which a wrong answer has been given by the candidate, **one-fourth** of the marks assigned to that question will be deducted as penalty.
  - b. If a candidate gives more than one answer, it will be treated as a wrong answer even if one of the given answers happens to be correct and there will same penalty as above to that question.
  - c. If a question is left blank, i.e. No answer is given by the candidate, there will no penalty for that question
6. The duration of the Entrance Examination (for both parts) will be **75 minutes**
7. You have to mark all your responses **ONLY** on the provided OMR answer sheet.
8. After you have completed filling in all your responses on the OMR answer sheet and the examination has concluded, you should hand over to the invigilator OMR Answer sheet and Question Booklet.
9. Blank page at the end of the question booklet may be used for rough work.

- 1. In a population, Blood group is measured. What type of scale measurement is it?**
  - A. Interval
  - B. Ordinal
  - C. Nominal
  - D. Ratio
  
- 2. Selecting participants considering their availability at a particular time and place in research study is known as**
  - A. Convenient sampling
  - B. Purposive sampling
  - C. Snowball sampling
  - D. Stratified sampling
  
- 3. Median can be measured graphically using**
  - A. Scatter Diagram
  - B. Frequency Polygon
  - C. Cumulative Frequency diagram
  - D. Frequency Curve
  
- 4. A researcher was examining correlation between height of father and their son and calculated correlation coefficient as +1.007. What would be your reaction to this observation on correctness?**
  - A. Absolutely possible
  - B. Absolutely Impossible
  - C. Possibly Correct
  - D. Possibly Impossible
  
- 5. An observational study to establish cause-effect relationship between two or more factors observed under natural course is called**
  - A. Descriptive Study
  - B. Analytical Study
  - C. Randomized study
  - D. Intervention study
  
- 6. To conduct an incidence study, what type of study design should be used?**
  - A. Cross-sectional Design
  - B. Cohort Design
  - C. Case-control design
  - D. Randomized control Design

- 7. Suppose you wish to measure the trend of responses of a treatment intervention longitudinally after 3-4 short, predefined observation periods. Which study design would be suitable?**
- A. Cross-over
  - B. Pre-Post
  - C. Sequential
  - D. Repeated Measure
- 8. The normal range of blood pressure reading 120/80 for systolic/diastolic comes from data observed on healthy persons. In statistical terms what does it indicate?**
- A. Statistical Threshold (Mean/SD)
  - B. Statistical Threshold (Mean and SD)
  - C. Statistical Threshold ( $SD \pm$  Mean)
  - D. Statistical Threshold ( $Mean \pm 2SD$ )
- 9. Results of binary response (Yes/No) of two different methods were cross tabulated, how to assess discordance between two responses by an appropriate statistical test?**
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  - C. Copyright Infringement
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  - C. Categories of Ayurveda Aahara and Regulatory Requirements
  - D. List of authoritative books for Ayurveda Aahara
21. Industry–research interface programme launched by CCRAS in collaboration with the Confederation of Indian Industry for advancing the scientific, industrial, & commercial ecosystem of Ayurveda is \_\_\_\_.
- A. AMAR
  - B. SAHI
  - C. SIDDHI
  - D. e-MEDHA
22. In a clinical trial, the factor ATTRITION is referred to \_\_\_\_\_
- A. Loss of enrolled participants over time
  - B. Documenting compliance to the interventional protocol
  - C. Taking consent from vulnerable groups of participants
  - D. Mechanism of ensuring safety during the trial period
23. An investigator conducting a KAP study in an academic institution announced in the class that, "*Students who participate in the study will get a 5% bonus on their final exam, while those who do not will have to complete an extra assignment.*" This approach can be considered as \_\_\_\_\_
- A. Reasonable incentive
  - B. An act of Coercion
  - C. Violating Confidentiality
  - D. Falsification of information

- 24. OECD Test 403 issues guidelines for conducting \_\_\_\_\_**
- A. Acute Inhalation toxicity
  - B. Repeated Dose Dermal toxicity
  - C. Genetic toxicity
  - D. Carcinogenicity
- 25. National Ethics Committee Registry for Biomedical and Health Research is managed by \_\_\_\_\_**
- A. Department of Health Research
  - B. All India Institute of Medical Sciences
  - C. Council for Scientific and Industrial Research
  - D. Ministry of Ayush
- 26. Internal validity of a study refers to:**
- A. Generalizability of results to other populations
  - B. Extent to which observed effects are due to the independent variable
  - C. Size of the study sample
  - D. Replication of the study in different settings
- 27. Which guideline is used for reporting diagnostic test accuracy studies?**
- A. CONSORT
  - B. STROBE
  - C. CARE
  - D. STARD
- 28. What is the purpose of adding an asterisk\* at the end of a word when searching The Cochrane Library?**
- A. Searches it as a phrase
  - B. Combines like or synonymous terms
  - C. Will search for variant endings
  - D. Narrows a search
- 29. As per the NDCTR-2019 Chapter-III, the Ethics Committees are required to maintain the documents related to the structure, composition, and functions for up to?**
- A. Three Years
  - B. Five Years
  - C. Seven Years
  - D. Lifetime

- 30. Carcinogenicity studies should be performed for all drugs that are expected to be clinically used for more than \_\_\_\_\_ months as well as for drugs used frequently in an intermittent manner in the treatment of chronic or recurrent conditions.**
- A. Six Months
  - B. Nine Months
  - C. One year
  - D. Lifetime
- 31. Drawing a small sample of blood for Testing in a research protocol involves the following risk category.**
- A. Less than minimal risk
  - B. Minimal risk
  - C. Minor increase over minimal risk or Low risk
  - D. More than minimal risk or High risk
- 32. A doctoral Ayurveda scholar receives an email from an *International Journal for Traditional Medicine* praising scholar's previous publication and requesting to submit a new manuscript within 5 days for a guaranteed "rapid peer review" for a processing fee of \$1500. The best response expected from the scholar in such condition is \_\_\_\_\_**
- A. Submit research outcomes immediately to get ahead of the fellow researchers.
  - B. Reply to the email to negotiate the fee.
  - C. Ignore the email and independently look up the journal's reputation on DOAJ.
  - D. Acknowledge to the sender and request for some time to submit manuscript.
- 33. If the weight of 1000 adult females follow a normal distribution, the percentage of females who have more than two standard deviations above the mean weight will be:**
- A. 0.5
  - B. 2.5
  - C. 0.01
  - D. 0.05
- 34. In multiple regression analysis, the number of dependent variables should be:**
- A. Two
  - B. Three
  - C. No limit (any number of variables)
  - D. One

**35. What is the purpose of the "ShodhShuddhi" initiative?**

- A. Enhance student enrollment
- B. Provide access to plagiarism detection software
- C. Promote research funding
- D. Generate an online Research database

**36. Statement (I):** In Pittaja Jvara, fever onset occurs suddenly and uniformly throughout the body (*yugapad*).

**Statement (II):** Pitta spreads gradually (*śanaiḥ stokakrameṇa*) from the amashaya to the entire body rather than Vata.

**Choose the Correct Option:**

- A. Both I and II are true, and II is the correct explanation for I
- B. Both I and II are true, but II is not the correct explanation for I
- C. I is true, II is false
- D. I is false, II is true

**37. Which of the following statements are correct regarding Gulma samprāpti?**

1. Vitiated Vāta displaces Kapha and Pitta and obstructs body channels.
2. Obstruction occurs only in the upward (*ūrdhva*) pathway.
3. Vāta in Gulma loses its normal movement in multiple directions.
4. Pain may occur in *hṛd*, *nābhi*, *pārśva*, *udara*, and *basti* regions.

**Correct Option:**

- A. 1 and 4 only
- B. 1, 3 and 4 only
- C. 2 and 3 only
- D. 1,2,3 and 4

**38. Which of the following statements are correct regarding Prameha samprāpti?**

1. Kapha spreads rapidly in the body due to looseness of tissues (*śarīra-śaithilya*).
2. Kapha first combines with Medas due to similarity of qualities.
3. Medas is tightly bound (बहु बद्ध) and therefore resists vitiation by Kapha.
4. Vitiating Kapha–Medas complex further contaminates Māṃsa and Kleda.

**Correct Option:**

- A. 1, 2 and 4 only
- B. 1 and 3 only
- C. 2 and 3 only
- D. 1,2,3 and 4

**39. Which of the following statements correctly differentiate Kustha from Visarpa?**

1. Both Kuṣṭha and Visarpa involve vitiation of the same seven factors.
2. In Visarpa, Rakta predominance and spreading nature (*visarpaṇa*) are key features.
3. In Kuṣṭha, Rakta is always the predominant Doṣa.
4. In Kuṣṭha, all seven factors are invariably involved, while in Visarpa this may not always be necessary.

**Correct Option:**

- A. 1 and 3 only
- B. 2 and 3 only
- C. 1, 2 and 4 only
- D. 1,2,3 and 4

**40. A patient presents with:**

- **Dry tongue, palate, lips, and throat**
- **Intense thirst**
- **Feeling of dryness in internal regions**

**Which Srotas is primarily affected?**

- A. Annavaha srotas
- B. Udakavaha srotas
- C. Rasavaha srotas
- D. Svedavaha srotas

**41. According to Charaka, a woman Conceives but repeatedly gives birth to non-viable or putrid fetus (pūti-prajā). What is the most likely underlying defect?**

- A. Complete vitiation of śoṇita
- B. Vitiation of garbhāśaya bīja-bhāga
- C. Vitiation of garbhāśaya bīja-bhāgāvayava
- D. Vitiation of external Dhātu only

**42. Pipīlikānām sañcāra iva** (Formication) in the body found as a clinical feature in-

- 1 Māṃsāvṛta Vāta
- 2 Vātika Śoṭha
- 3 Pacyamāna Śopha
- 4 Vātika Gulma
- 5 Vātika Visarpa

**Correct Option:**

- A. 1, 3 and 5 only
- B. 3, 4 and 5 only
- C. 1, 3, 4 and 5 only
- D. 1, 2, 3, 4 and 5

43. **Śyāva varṇa** (dark brown colour) in eyes found as a clinical feature in-

- 1 Kṛmija Hṛdroga
- 2 Vātika Udara
- 3 Vātika Arśa
- 4 Pāṇḍu Roga
- 5 Vātika Apasmāra

**Correct Option:**

- A. 1 and 3 only
- B. 1, 2 and 4 only
- C. 1, 2, 3 and 5 only
- D. 1, 2, 3, 4 and 5

44. **Fill In the Blank**

यन्मते व्याधिजन्म \_\_\_\_\_, तन्मते 'व्याध्युत्पत्तिहेतुर्निदानम्' इति लक्षणम्।

- A. सम्प्राप्तिः
- B. रूप
- C. गति
- D. उपद्रव

45. **Consider the following sentences and choose the correct options**

**S1.** यद्दोषप्रत्यनीकं तन्नावश्यं व्याधिहरं

**S2.** वमनलङ्घने कफहरे न कफगुल्मं हरतः

- A. Both S1 and S2 are correct and S2 is the correct example of S1.
- B. Both S1 and S2 are correct but there is no relation between S1 and S2
- C. S2 is correct and S1 is wrong
- D. S1 is correct and S2 is wrong

46. A 45-year-old asymptomatic man has office BP 136/82 mmHg (average of 3 readings) and home BP 132/81 mmHg (7-day average). No CVD, diabetes, or CKD is present. According to the 2025 ACC/AHA Guideline for High Blood Pressure in Adults, what is the correct classification/grade of his blood pressure?

- A. Normal blood pressure
- B. Elevated blood pressure
- C. Stage 1 hypertension
- D. Stage 2 hypertension

47. Identify the INCORRECT description regarding "Vyadhisankara" (व्याधिसङ्कर)

- A. प्रयोगः शुद्धत्वात्
- B. अन्योन्यसम्भवात्
- C. आमातीसारे स्तम्भनं कृतं दोषं संस्तभ्य शूलानाहाध्मानादि जनयति
- D. प्रतिश्यायो हि स्वरूपेणैव कासस्य कारणं, स च राजयक्ष्मण इत्यादि

48. "..आमप्रदोषादानाहाद्रौक्ष्यादत्यपतर्पणात् |

दौर्बल्यान्मर्मणो घाताद्द्वन्द्वाच्छुद्ध्यतियोगतः ||

अतीसारज्वरच्छर्दिप्रतिश्यायक्षतक्षयात्|.." are the etiological factors for which of the following disease?

- A. Grahani
- B. Hridroga
- C. Pandu Roga
- D. Shvasa

49. Bats wing hilar shadows in a chest X ray are indicative of \_\_\_

- A. Pulmonary oedema
- B. Pneumonia
- C. Pleural effusion
- D. Bronchiectasis

50. As per Charaka, A person suffering from skin disease has the clinical presentation of "दाहकण्डूरुजारागपरीतं लोमपिञ्जरम्..". What is the probable diagnosis?
- Audumbara
  - Visphota
  - Rishyajihva
  - Pundarika
51. As per Charaka, Which of the following features helps in the diagnosis of the stage of Pichhotpatti in Jalodara -
- मण्डलमुदरं गुरु स्तिमितमाकोठितमशब्दं
  - कुक्षेरतिमात्रवृद्धिः, सिरान्तर्धानगमनम्,
  - सदा गुडगुडायच्च सिराजालगवाक्षितम्
  - उदकपूर्णदृत्तिसङ्क्षोभसंस्पर्शत्वं च
52. "क्लिन्नाङ्गुल्यन्तरौ पादौ कण्डूदाहरुगन्वितौ | दुष्टकर्मसंस्पर्शाद.." is the feature of which of the following as per Sushruta ?
- Chippa
  - Kadara
  - Viapdika
  - Alasa
53. A 55-year-old male presents with nausea, anorexia, and generalized pruritus for the past few weeks. On investigation, his total bilirubin is found as 0.8 mg/dL, direct bilirubin is 0.2 mg/dL, ALP is 110 IU/L, GFR is 80 mL/min/1.73 m<sup>2</sup>. What is the most likely cause of his symptoms?
- Acute viral hepatitis
  - Mild chronic kidney disease
  - Obstructive jaundice
  - Haemolytic Anaemia

54. A person presents with features of burning sensation after food consumption (भुक्तं विदह्यते), inability to tolerate any kind of overeating (सहते नतिसौहित्यं) inability to appreciate the state of digestion or indigestion of food (जीर्णाजीर्णं न वेत्ति), slight pedal oedema (ईषच्छोफश्च पादयोः), constant reduction in the physical strength (शश्वद्बलक्षयो), and breathlessness even on slight exertion (ऽल्पेऽपिव्यायामे श्वासमृच्छति). What is his most probable diagnosis as per Charaka? –
- Udara Roga
  - Pandu Roga
  - Hridaya Roga
  - Shotha
55. Identify the option describing the correct segmental innervations in the reflexes –
- Biceps jerk – C5 , Triceps jerk – C5,6 , Knee jerk – L2,3 , Ankle jerk – S1
  - Biceps jerk – C5 , Triceps jerk – C5,6 , Knee jerk – L2,3,4 , Ankle jerk – S1
  - Biceps jerk – C5 , Triceps jerk – C6,7 , Knee jerk – L2,3,4 , Ankle jerk – S1
  - Biceps jerk – C5 , Triceps jerk – C6,7 , Knee jerk – L2,3 , Ankle jerk – S1
56. As per Sushruta, the Doshas in the state of Sthanasanshraya, produce diseases like Vidradhi and Anushayi in conjunction with -
- Rasa Dhatu
  - Rakta Dhatu
  - Mansa Dhatu
  - Asthi Dhatu
57. According to Sushruta, which of the following is the true in context of Prakkeval Vyadhi?
- यः पूर्वोत्पन्नं व्याधिं जघन्यकालजातो व्याधिरुपसृजति
  - यः प्रागेवोत्पन्नो व्याधिरपूर्वरूपोऽनुपद्रवश्च
  - यो भविष्यद्व्याधिख्यापकः
  - जघन्यकालजातो व्याधिरिति पश्चात्कालजातो रोग

- 58. Dysdiadochokinesia is the inability to perform rapid alternating movements smoothly and quickly. Its presence indicates dysfunction in which part of the brain?**
- A. Cerebrum
  - B. Cerebellum
  - C. Pons
  - D. Medulla oblongata
- 59. Tumours composed of a mixture of various tissue types arising from totipotent cells are called:**
- A. Adenoma
  - B. Teratoma
  - C. Sarcoma
  - D. Carcinoma
- 60. Mycobacterial culture is done on which media?**
- A. Blood agar
  - B. Chocolate agar
  - C. MacConkey agar
  - D. Lowenstein-Jensen medium
- 61. Transthyretin (TTR) is a serum protein synthesized primarily by the liver that normally transports thyroxine (T4) and retinol-binding protein (hence the name "trans-thy-retin"). A single amino acid substitution mutation in the structure of TTR results in a variant form of the protein. This variant most commonly causes:**
- A. Increased affinity for thyroxine leading to hyperthyroidism
  - B. Formation of amyloid fibrils and deposition in tissues
  - C. Defective retinol transport leading to vitamin A deficiency
  - D. Accelerated degradation of TTR resulting in hypothyroidism
- 62. What type of pus is typically formed in an amoebic liver abscess?**
- A. Thick yellow purulent pus
  - B. Mustard-yellow purulent pus
  - C. Anchovy sauce-like brown pus
  - D. Reddish-yellow mixed pus

63. "हेमन्ते निचितः श्लेष्मा वसन्ते कफरोगकृत्" is the example of which **Nidan** (निदान)?
- A. *Utpadak Hetu* (उत्पादक हेतु)
  - B. *Dosha Hetu* (दोष हेतु)
  - C. *Viprakristha Hetu* (विप्रकृष्टो हेतु)
  - D. *Vyanjaka Hetu* (व्यञ्जक हेतु)
64. According to Charaka, Which of the following is a **Lakshana** (लक्षण) of **Kalameha** (कालमेह)?
- A. *Cashapakshinibha* (चाषपक्षनिभ)
  - B. *Haridraudaka* (हरिद्रोदक)
  - C. *Mashivarnam* (मसीवर्णम)
  - D. *Tantuvaddhamiva* (तन्तुबद्धमिव)
65. Which **dosha** (दोष) is predominant in disease **Vilambika** (विलम्बिका)?
- A. *Kaphapitta* (कफपित्त)
  - B. *Pittavata* (पित्तवात)
  - C. *Kaphavata* (कफवात)
  - D. *Vatapitta* (वातपित्त)
66. **Vyabiddha iva vrischikai** (व्याविद्ध इव वृश्चिकै) is the **lakshana** (लक्षण) of:
- A. *Sandhivata*(सन्धिवात)
  - B. *Vatarakta*(वातरक्त)
  - C. *Kraushtuka shirsha* (क्रोष्टुकशीर्ष)
  - D. *Amavata*(आमवात)

67. **Abdatmakam mahattacca** (अब्दात्मकं महत्तच्च) are the **Asadhya Lakshana** (असाध्य लक्षण) of:

- A. *Gulma Roga* (गुल्म रोग)
- B. *Shleepada Roga* (श्लीपद रोग)
- C. *Kaphaja Shotha* (कफज शोथ)
- D. *Shlaishmik Hridroga* (श्लैष्मिक हृद्रोग)

68. Match the symptoms in Group A with the disease mentioned in Group B

Group A	Group B
a. <i>Atanyate saraga</i> (आतन्यते सरागा)	i. <i>Mamsamedagatavata</i> (मांसमेदोगतवात)
b. <i>Nigrahamutravarchasa</i> (निग्रहो मूत्रवर्चसो)	ii. <i>Koshthashrita vata</i> (कोष्ठाश्रितवात)
c. <i>Dandamushtihatam yatha</i> (दण्डमुष्टिहतं यथा)	iii. <i>Majjaasthigatavata</i> (मज्जास्थिगतवात)
d. <i>Asvapna santata Ruk</i> (अस्वप्नः सन्तता रुक्)	iv. <i>Tvaggatavata</i> (त्वग्गतवात)

- A. a-i, b-iii, c-ii, d-iv
- B. a-iii, b-I, c-iv, d-ii
- C. a-iv, b-ii, c-i, d-iii
- D. a-ii, b-iv, c-i, d-iii

69. Which type of tumour is associated with exposure of asbestos?

- A. Mesothelioma
- B. Hepatocellular carcinoma
- C. Gallbladder cancer
- D. Pancreatic cancer

**70. Match the symptoms in Group A with the disease mentioned in Group B**

<b>Group A</b>	<b>Group B</b>
a. <i>Deeptapavakasannibha</i> (दीप्तपावकसन्निभा)	i. <i>Anushayi</i> (अनुशयी)
b. <i>Antaprapakinim</i> (अन्तःप्रपाकिनीम्)	ii. <i>Jalagardhava</i> (जालगर्दभ)
c. <i>Kolavadutsanna</i> (कोलवदुत्सन्नो)	iii. <i>Kadara</i> (कदर)
d. <i>Visarpavat Sarpati</i> (विसर्पवत् सर्पति)	iv. <i>Agnirohini</i> (अग्निरोहिणी)

- A. a-iv,b-i,c-iii,d-ii  
B. a-i,b-iii,c-iv,d-ii  
C. a-i.b-iv.c-ii,d-iii  
D. a-ii,b-I,c-iv,d-iii





QUESTION BOOKLET



Ph.D. Entrance Examination 2026-27  
10. SHALAKYA TANTRA



DATE: \_\_\_\_\_

Name of the Candidate: \_\_\_\_\_

Roll No. of the Candidate: \_\_\_\_\_

Signature of the Candidate: \_\_\_\_\_

Signature of the Invigilator: \_\_\_\_\_

DO NOT OPEN THIS QUESTION BOOKLET UNTIL YOU ARE TOLD TO DO SO

GENERAL INSTRUCTIONS

1. IMMEDIATELY AFTER THE COMMENCEMENT OF EXAMINATION, YOU SHOULD CHECK THAT THIS QUESTION BOOKLET DOES NOT HAVE ANY UNPRINTED TO TORN OR MISSING PAGES OR ITEMS ETC. IF SO, GET IT REPLACED BY A COMPLETE QUESTION BOOKLET.
2. Please note that it is the candidate's responsibility to fill in the roll number, subject etc carefully and without any omission or discrepancy at the appropriate places in the OMR answer Sheet. Any omission/Discrepancy will render the answer sheet liable for rejection.
3. You have to enter your Name, Roll No and signature on the Question Booklet. DO NOT write anything else on the question booklet
4. This question booklet contains **70 Questions**. There are four alternatives for the answer to every question. 01 mark will be given for each correct response.
5. **PENALTY FOR WRONG ANSWERS:** There will be penalty for wrong answers marked by a candidate.
  - a. For each question for which a wrong answer has been given by the candidate, **one-fourth** of the marks assigned to that question will be deducted as penalty.
  - b. If a candidate gives more than one answer, it will be treated as a wrong answer even if one of the given answers happens to be correct and there will same penalty as above to that question.
  - c. If a question is left blank, i.e. No answer is given by the candidate, there will no penalty for that question
6. The duration of the Entrance Examination (for both parts) will be **75 minutes**
7. You have to mark all your responses **ONLY** on the provided OMR answer sheet.
8. After you have completed filling in all your responses on the OMR answer sheet and the examination has concluded, you should hand over to the invigilator OMR Answer sheet and Question Booklet.
9. Blank page at the end of the question booklet may be used for rough work.

- 1. In a population, Blood group is measured. What type of scale measurement is it?**
  - A. Interval
  - B. Ordinal
  - C. Nominal
  - D. Ratio
  
- 2. Selecting participants considering their availability at a particular time and place in research study is known as**
  - A. Convenient sampling
  - B. Purposive sampling
  - C. Snowball sampling
  - D. Stratified sampling
  
- 3. Median can be measured graphically using**
  - A. Scatter Diagram
  - B. Frequency Polygon
  - C. Cumulative Frequency diagram
  - D. Frequency Curve
  
- 4. A researcher was examining correlation between height of father and their son and calculated correlation coefficient as +1.007. What would be your reaction to this observation on correctness?**
  - A. Absolutely possible
  - B. Absolutely Impossible
  - C. Possibly Correct
  - D. Possibly Impossible
  
- 5. An observational study to establish cause-effect relationship between two or more factors observed under natural course is called**
  - A. Descriptive Study
  - B. Analytical Study
  - C. Randomized study
  - D. Intervention study

- 6. To conduct an incidence study, what type of study design should be used?**
- A. Cross-sectional Design
  - B. Cohort Design
  - C. Case-control design
  - D. Randomized control Design
- 7. Suppose you wish to measure the trend of responses of a treatment intervention longitudinally after 3-4 short, predefined observation periods. Which study design would be suitable?**
- A. Cross-over
  - B. Pre-Post
  - C. Sequential
  - D. Repeated Measure
- 8. The normal range of blood pressure reading 120/80 for systolic/diastolic comes from data observed on healthy persons. In statistical terms what does it indicate?**
- A. Statistical Threshold (Mean/SD)
  - B. Statistical Threshold (Mean and SD)
  - C. Statistical Threshold ( $SD \pm$  Mean)
  - D. Statistical Threshold ( $Mean \pm 2SD$ )
- 9. Results of binary response (Yes/No) of two different methods were cross tabulated, how to assess discordance between two responses by an appropriate statistical test?**
- A. ANOVA
  - B. Student independent test
  - C. Student t-test
  - D. McNemar Chi-square test

- 10. The cause-Effect relationship can be more certain in which study design?**
- A. Case Series
  - B. Cross-sectional
  - C. Cohort
  - D. Case report
- 11. The percentage of clinical status correctly classified as cases by the test is called**
- A. Positive predictive value
  - B. Negative predictive value
  - C. Specificity
  - D. Sensitivity
- 12. The trials which are conducted to prevent the occurrence of disease are called**
- A. Clinical trial
  - B. Laboratory trial
  - C. Prophylactic trial
  - D. Hospital based trials
- 13. A centralized digital platform created by the Indian Cybercrime Coordination Centre to expedite the removal of unlawful online content is \_\_\_\_\_**
- A. ASHTADASHI
  - B. SUGAMA
  - C. SAHYOG
  - D. BHAVISHYA
- 14. Refusal to participate at any point during the research process, as not signing a consent form, or may be verbally stated, or indicated by indirect verbal or non-verbal behaviors is known as \_\_\_\_\_**
- A. Debriefing
  - B. Dissent
  - C. Deception
  - D. Coercion

- 15. As a part of survey to understand the quality of healthcare facilities at AIIA, the Medical Superintendent asks, "How satisfied you are with hospital services?" The responses were recorded as "Very satisfied, Satisfied, Neutral, Dissatisfied, Very dissatisfied" The kind of scale being used here is \_\_\_\_\_**
- A. Nominal
  - B. Ordinal
  - C. Interval
  - D. Ratio
- 16. A researcher has developed a new 10-item scale measuring anxiety in Alzheimer's patients. The Cronbach's alpha coefficient is calculated to be 0.60. How should the researcher interpret this?**
- A. The scale has excellent reliability & can be used immediately.
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  - C. The scale has good test-retest stability.
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- 17. The metric, a researcher should use to measure how much their published paper is being discussed, shared, and cited on social media platforms like Twitter, Mendeley, and blogs, rather than just in formal journals is \_\_\_\_\_**
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- A. Three Years
  - B. Five Years
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- 30. Carcinogenicity studies should be performed for all drugs that are expected to be clinically used for more than \_\_\_\_ months as well as for drugs used frequently in an intermittent manner in the treatment of chronic or recurrent conditions.**
- A. Six Months
  - B. Nine Months
  - C. One year
  - D. Lifetime
- 31. Drawing a small sample of blood for Testing in a research protocol involves the following risk category.**
- A. Less than minimal risk
  - B. Minimal risk
  - C. Minor increase over minimal risk or Low risk
  - D. More than minimal risk or High risk
- 32. A doctoral Ayurveda scholar receives an email from an *International Journal for Traditional Medicine* praising scholar's previous publication and requesting to submit a new manuscript within 5 days for a guaranteed "rapid peer review" for a processing fee of \$1500. The best response expected from the scholar in such condition is \_\_\_\_\_**
- A. Submit research outcomes immediately to get ahead of the fellow researchers.
  - B. Reply to the email to negotiate the fee.
  - C. Ignore the email and independently look up the journal's reputation on DOAJ.
  - D. Acknowledge to the sender and request for some time to submit manuscript.
- 33. If the weight of 1000 adult females follow a normal distribution, the percentage of females who have more than two standard deviations above the mean weight will be:**
- A. 0.5
  - B. 2.5
  - C. 0.01
  - D. 0.05

- 34. In multiple regression analysis, the number of dependent variables should be:**
- A. Two
  - B. Three
  - C. No limit (any number of variables)
  - D. One
- 35. What is the purpose of the "ShodhShuddhi" initiative?**
- A. Enhance student enrollment
  - B. Provide access to plagiarism detection software
  - C. Promote research funding
  - D. Generate an online Research database
- 36. Koeppe's nodules are found at which anatomical location ?**
- A. Pupillary margin
  - B. Sclero-corneal junction
  - C. Anterior surface of iris
  - D. Angle of the anterior chamber
- 37. In Which of the following condition does 'Pulsatile Proptosis' typically occur?**
- A. Orbital Cellulitis
  - B. Thyroid Eye Disease
  - C. Carotid Cavernous Fistula
  - D. Optic Nerve Glioma
- 38. Which of the following is NOT a Lekhana Sadhya Vyadhi as per Sushruta?**
- A. Utsangini
  - B. Bahala Vartma
  - C. Kumbhika
  - D. Anjana namika
- 39. As per Sushruta the dosha involved in Vartma Arsha (वर्त्म अर्श) is -**
- A. Vata
  - B. Kapha
  - C. Rakta
  - D. Pitta
- 40. Which of the following muscle is not related to Eustachian Tube?**
- A. Tensor tympanicus
  - B. Tensor veli palatini
  - C. Salpingopharyngeus
  - D. Levator veli palatini

41. **Which of the following is not the immediate complication of Tracheostomy?**
- Hemorrhage
  - Atelectasis
  - Pneumothorax
  - Apnea
42. **Which is NOT correct in relation to arterial supply of tonsil?**
- Tonsillar branch of facial artery
  - Ascending Pharyngeal artery
  - Lingual artery
  - Sublingual artery
43. **“Kṣhara budbudopama” (क्षार बुद्बुदोपमम्) is the characteristic clinical feature of -----**
- Upanaha (उपनाह)
  - Krimigranthi (कृमिग्रन्थि)
  - Pooyasrava (पूयस्राव)
  - Puyalasa (पूयालस)
44. **Vimala Varti (विमल वर्ति) is explained in the management of ----**
- Vatika Timira (वातिक तिमिर)
  - Paitika Timira (पैत्तिक तिमिर)
  - Kaphaja Timira (कफज तिमिर)
  - Raktaja Timira (रक्तज तिमिर)
45. **According to Acharya Susruta, which upadrava will be manifested, if “vyadhana karma (व्यधन कर्म) of Linganasha” (लिङ्गनाश) is done by “Vishama shalaka” (विषम शलाका)?**
- Shoola (शूल)
  - Kriya sanga (क्रियासंग)
  - Dosha Paripluti (दोष परिप्लुति)
  - Jalasrava (जलस्राव)
46. **According to Acharya Susruta, when pain does not subside after “Linganasha Vyadhana” (लिङ्गनाश व्यधन) the treatment of choice is ---**
- Siravyadha and Dahana (सिराव्यध और दहन)
  - Siravyadha and Anuvasana (सिराव्यध और अनुवासन)
  - Dahana and Anuvasana (दहन और अनुवासन)
  - Anuvasana and Anjana (अनुवासन और अञ्जन)

47. Match list I with list II and select the correct answer using the codes given below the lists:

List I (Disease)	List II (Symptom)
1. Amblyopia	a. Complete loss of sight
2. Amaurosis	b. Partial loss of sight
3. Amaurosis fugax blindness	c. Colour blindness
4. Achromatopsia	d. Transient monocular blindness

- A. 1-b, 2-a, 3-c, 4-a  
B. 1-a, 2-c, 3-b, 4-c  
C. 1-b, 2-a, 3-d, 4-c  
D. 1-d, 2-c, 3-b, 4-a
48. According to the Sushruta Samhita, the following verse— “स्नेहादिभिः सम्यगपास्य दोषांस्तृप्तिं विधायथ यथास्वमेव” (Snehadibhihi samyagapasya doshan triptin vidhayatha yathaswameva) indicates the treatment of which of the following Vartmagata disorders?

- A. Praklinnavartma (प्रक्लिन्नवर्तम)  
B. Utsangavartma (उत्संगवर्तम)  
C. Kumbhikavartma (कुम्भिकावर्तम)  
D. Shushkavartma (शुष्कवर्तम)

49. According to Sushruta Samhita, what is the prescribed duration (Matra Kala) of Tarpana in Shuklagata Roga?

- A. 700  
B. 300  
C. 500  
D. 100

50. **Assertion (A):** As per Susrutha, Raktamokṣaṇa is contraindicated in Raga-prapta Timira.

**Reason (R):** According to Susrutha, Kacha (Raga – Prapta Timira) is an Asadhya condition.

**Which of the following is correct?**

- A. Both A and R are true, and R is the correct explanation of A  
B. Both A and R are true, but R is not the correct explanation of A  
C. A is true, but R is false  
D. A is false, but R is true

**51. Consider the following statements.**

**Statement A:** According to Astanga Hrudaya, Paksmashata (पक्ष्मशात) is a Rakta predominant vyadhi.

**Statement B:** Kuttana (कुट्टन), Jaloukavacharana and Vamana are indicated in Pakshmasata (पक्ष्मशात).

- A. Both statements are individually true, and statement A is the correct explanation of statement B.
- B. Both statements are individually true, but statement A is not the correct explanation of statement B.
- C. Statement A is true, but Statement B is false.
- D. Statement A is false, but Statement B is true.

**52. According to Acharya Dalhana, Ajakajata Vyadhi (अजकाजात व्याधि) is -----**

- A. Raktaja – Asadhya
- B. Kaphaja – Asadhya
- C. Raktaja – Sadhya
- D. Vataja – Asadhya

**53. According to Ashtanga Hridaya, Nishpava-ardha-dalaakruti (निष्पाव-अर्ध-दलाकृति) is the clinical feature of which amongst the following diseases?**

- A. Ajakajata (अजकाजात)
- B. Pakatyaya Shukra (पाकात्यय शुक्र)
- C. Balasagrathita (बलासग्रथित)
- D. Pishtaka (पिष्टक)

**54. According to Acharya Susruta, "ह्रस्व वृत्त सम उभय पाली" (Hraswa vritha sama ubhaya pali) is..... Karnabandha akruti (कर्णबन्ध आकृति) ---**

- A. Nemisandhanaka (नेमिसन्धानक)
- B. Gandakarna (गण्डकर्ण)
- C. Valluraka (वल्लूरक)
- D. Nirvedhima (निर्वेधिमा)

**55. According to Acharya Sushruta nadivrana chikitsa (नाडीव्रण चिकित्सा) is indicated in which among the following diseases?**

- A. Nasasosha (नासाशोष)
- B. Nasapaka (नासापाक)
- C. Pootinasya (पूतीनस्य)
- D. Pooyarakta (पूयरक्त)

**56. According to Sushruta "Madhookasarena snigdham cha api virechayeth" (मधूकसारेण स्निग्धं च अपि विरेचयेत्) is mentioned in which of the following diseases?**

- A. Suryavarta (सूर्यावर्त)
- B. Vatika Shirashoola (वातिक शिरशूल)
- C. Kaphaja Shirashoola (कफज शिरशूल)
- D. Paithika Shirashoola (पैत्तिक शिरशूल)

57. **Hitzelberger's sign is the characteristic feature of which of the following diseases?**
- Cholesteatoma
  - Acoustic neuroma
  - Meningioma
  - Mastoiditis
58. **Hearing loss associated with Goitre and Hypothyroidism are seen in which among the following Syndromes?**
- Klippel-feil syndrome
  - Crouzon's syndrome
  - Pendred syndrome
  - Waardenburg's syndrome
59. **According to Acharya Sushruta, "Shiraso rujascha bhavanti teevra nishi cha atimatram (शिरसो रुजश्च भवन्ति तीव्रा निशि च अतिमात्रम्) is the clinical feature of which of the following diseases?**
- Vatika shirahshoola
  - Pittaja shirahshoola
  - Kaphaja shirahshoola
  - Sannipatika shirahshoola
60. **According to Acharya Vagbhata, "Vishamapaki"(विषमपाकी)" is the feature of which of the following Oshtakopa (ओष्ठकोप)?**
- Vataja
  - Pittaja
  - Kaphaja
  - Sannipataja
61. **Which of the following lesions in the oral cavity has a malignant potential?**
- Hypertrophic candidiasis
  - Leukoedema
  - Erythroplasia
  - White sponge nevus
62. **Raktamokshna is contrindicated in \_\_\_\_\_**
- Raktaja Shirahshoola
  - Kshyaja Shirahshoola
  - Suryavrata
  - Shankhaka
63. **Which of the following treatment not mentioned for Nasanaha ?**
- Moordhabasti
  - Teekshna nasya
  - Snehapana
  - Snigdha dhooma

64. **Which of the following diseases is treated like Ardita?**
- Vaatja-Pratishyaya
  - Naasa-Shosha
  - Vatika-Karnashoola
  - Karnakshveda
65. **An 18-year-old boy presented with recurrent epistaxis, and a mass arising from the nasal wall extended into the nasopharynx. What would be the best management option out of the following?**
- Blood Transfusion
  - Lateral rhinostomy surgical approach
  - Transpalatal approach
  - Transmaxillary approach
66. **A 62-year-old man is using topical latanoprost as a first-line treatment for his glaucoma. What is the principal mechanism of action of prostaglandin analogues in glaucoma treatment?**
- Increases trabecular outflow
  - Increases uveoscleral outflow
  - Decreases aqueous production
  - Creates an osmotic gradient to encourage movement of water from the vitreous to the bloodstream
67. **According to Sushruta मृदल्पवेदनं ताम्रं यद्वर्त्म सममेव च | अकस्माच्च भवेद्रक्तं ..... are the clinical features of:**
- Sashpha akshipaaka
  - Klinnavartma
  - Syavavartma
  - Klishtavartma
68. **दृष्टिमध्यगते दोषे स एकं मन्यते द्विधा | द्विधास्थिते त्रिधा पश्येद्बहुधा चानवस्थिते | is feature of which patalagata timira?**
- Prathama (प्रथम)
  - Dvitiya (द्वितीय)
  - Tritiya (तृतीय)
  - Chaturtha (चतुर्थ)
69. **A 60-year-old debilitated patient is diagnosed with Vaatabhishyanda having Svasthangata malavritta vatadushti (स्वस्थानगत मलावृतः वातदुष्टि). Which of the following Shodhana Karma is most suitable for him**
- Vamana (वमन)
  - Ruksha Virechana (रुक्ष विरेचन)
  - Nairuhika Basti (नैरुहिक बस्ति)
  - Snaihika Basti (स्नैहिक बस्ति)

**70. A patient presents with intense burning sensation inside the nose, a persistent smoky or irritating feeling, nasal pain, and marked tenderness over the nasal vestibule. Which of the following is the most likely diagnosis?**

- A. Allergic rhinitis
- B. Atrophic rhinitis
- C. Deviated nasal septum
- D. Nasal furunculosis



## QUESTION BOOKLET



# Ph.D. Entrance Examination 2026-27

## 11. SHALYA TANTRA



DATE: \_\_\_\_\_

Name of the Candidate: \_\_\_\_\_

Roll No. of the Candidate: \_\_\_\_\_

Signature of the Candidate: \_\_\_\_\_

Signature of the Invigilator: \_\_\_\_\_

**DO NOT OPEN THIS QUESTION BOOKLET UNTIL YOU ARE TOLD TO DO SO**

### GENERAL INSTRUCTIONS

1. IMMEDIATELY AFTER THE COMMENCEMENT OF EXAMINATION, YOU SHOULD CHECK THAT THIS QUESTION BOOKLET DOES NOT HAVE ANY UNPRINTED TO TORN OR MISSING PAGES OR ITEMS ETC. IF SO, GET IT REPLACED BY A COMPLETE QUESTION BOOKLET.
2. Please note that it is the candidate's responsibility to fill in the roll number, subject etc carefully and without any omission or discrepancy at the appropriate places in the OMR answer Sheet. Any omission/Discrepancy will render the answer sheet liable for rejection.
3. You have to enter your Name, Roll No and signature on the Question Booklet. DO NOT write anything else on the question booklet
4. This question booklet contains **70 Questions**. There are four alternatives for the answer to every question. 01 mark will be given for each correct response.
5. **PENALTY FOR WRONG ANSWERS:** There will be penalty for wrong answers marked by a candidate.
  - a. For each question for which a wrong answer has been given by the candidate, **one-fourth** of the marks assigned to that question will be deducted as penalty.
  - b. If a candidate gives more than one answer, it will be treated as a wrong answer even if one of the given answers happens to be correct and there will same penalty as above to that question.
  - c. If a question is left blank, i.e. No answer is given by the candidate, there will no penalty for that question
6. The duration of the Entrance Examination (for both parts) will be **75 minutes**
7. You have to mark all your responses ONLY on the provided OMR answer sheet.
8. After you have completed filling in all your responses on the OMR answer sheet and the examination has concluded, you should hand over to the invigilator OMR Answer sheet and Question Booklet.
9. Blank page at the end of the question booklet may be used for rough work.

- 1. In a population, Blood group is measured. What type of scale measurement is it?**
  - A. Interval
  - B. Ordinal
  - C. Nominal
  - D. Ratio
  
- 2. Selecting participants considering their availability at a particular time and place in research study is known as**
  - A. Convenient sampling
  - B. Purposive sampling
  - C. Snowball sampling
  - D. Stratified sampling
  
- 3. Median can be measured graphically using**
  - A. Scatter Diagram
  - B. Frequency Polygon
  - C. Cumulative Frequency diagram
  - D. Frequency Curve
  
- 4. A researcher was examining correlation between height of father and their son and calculated correlation coefficient as +1.007. What would be your reaction to this observation on correctness?**
  - A. Absolutely possible
  - B. Absolutely Impossible
  - C. Possibly Correct
  - D. Possibly Impossible
  
- 5. An observational study to establish cause-effect relationship between two or more factors observed under natural course is called**
  - A. Descriptive Study
  - B. Analytical Study
  - C. Randomized study
  - D. Intervention study

- 6. To conduct an incidence study, what type of study design should be used?**
- A. Cross-sectional Design
  - B. Cohort Design
  - C. Case-control design
  - D. Randomized control Design
- 7. Suppose you wish to measure the trend of responses of a treatment intervention longitudinally after 3-4 short, predefined observation periods. Which study design would be suitable?**
- A. Cross-over
  - B. Pre-Post
  - C. Sequential
  - D. Repeated Measure
- 8. The normal range of blood pressure reading 120/80 for systolic/diastolic comes from data observed on healthy persons. In statistical terms what does it indicate?**
- A. Statistical Threshold (Mean/SD)
  - B. Statistical Threshold (Mean and SD)
  - C. Statistical Threshold ( $SD \pm \text{Mean}$ )
  - D. Statistical Threshold ( $\text{Mean} \pm 2SD$ )
- 9. Results of binary response (Yes/No) of two different methods were cross tabulated, how to assess discordance between two responses by an appropriate statistical test?**
- A. ANOVA
  - B. Student independent test
  - C. Student t-test
  - D. McNemar Chi-square test
- 10. The cause-Effect relationship can be more certain in which study design?**
- A. Case Series
  - B. Cross-sectional
  - C. Cohort
  - D. Case report

**11. The percentage of clinical status correctly classified as cases by the test is called**

- A. Positive predictive value
- B. Negative predictive value
- C. Specificity
- D. Sensitivity

**12. The trials which are conducted to prevent the occurrence of disease are called**

- A. Clinical trial
- B. Laboratory trial
- C. Prophylactic trial
- D. Hospital based trials

**13. A centralized digital platform created by the Indian Cybercrime Coordination Centre to expedite the removal of unlawful online content is \_\_\_\_\_**

- A. ASHTADASHI
- B. SUGAMA
- C. SAHYOG
- D. BHAVISHYA

**14. Refusal to participate at any point during the research process, as not signing a consent form, or may be verbally stated, or indicated by indirect verbal or non-verbal behaviors is known as \_\_\_\_\_**

- A. Debriefing
- B. Dissent
- C. Deception
- D. Coercion

- 15. As a part of survey to understand the quality of healthcare facilities at AIIA, the Medical Superintendent asks, "How satisfied you are with hospital services?" The responses were recorded as "Very satisfied, Satisfied, Neutral, Dissatisfied, Very dissatisfied" The kind of scale being used here is \_\_\_\_\_**
- A. Nominal
  - B. Ordinal
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- C. Seven Years
- D. Lifetime

**30. Carcinogenicity studies should be performed for all drugs that are expected to be clinically used for more than \_\_\_\_ months as well as for drugs used frequently in an intermittent manner in the treatment of chronic or recurrent conditions.**

- A. Six Months
- B. Nine Months
- C. One year
- D. Lifetime

**31. Drawing a small sample of blood for Testing in a research protocol involves the following risk category.**

- A. Less than minimal risk
- B. Minimal risk
- C. Minor increase over minimal risk or Low risk
- D. More than minimal risk or High risk

- 32. A doctoral Ayurveda scholar receives an email from an *International Journal for Traditional Medicine* praising scholar's previous publication and requesting to submit a new manuscript within 5 days for a guaranteed "rapid peer review" for a processing fee of \$1500. The best response expected from the scholar in such condition is \_\_\_\_\_**
- A. Submit research outcomes immediately to get ahead of the fellow researchers.
  - B. Reply to the email to negotiate the fee.
  - C. Ignore the email and independently look up the journal's reputation on DOAJ.
  - D. Acknowledge to the sender and request for some time to submit manuscript.
- 33. If the weight of 1000 adult females follow a normal distribution, the percentage of females who have more than two standard deviations above the mean weight will be:**
- A. 0.5
  - B. 2.5
  - C. 0.01
  - D. 0.05
- 34. In multiple regression analysis, the number of dependent variables should be:**
- A. Two
  - B. Three
  - C. No limit (any number of variables)
  - D. One
- 35. What is the purpose of the "ShodhShuddhi" initiative?**
- A. Enhance student enrollment
  - B. Provide access to plagiarism detection software
  - C. Promote research funding
  - D. Generate an online Research database

36. According to Sushruta, which stage of Shatkriyakala (षटक्रियाकाल) represents the stage where disease differentiates into subtypes and complications?

- A. Vyakti (व्यक्ति)
- B. Sanchaya (संचय)
- C. Prasara (प्रसर)
- D. Bheda (भेद)

37. सुतरक्तस्य सेकादयैः शीतैः प्रकुपितेऽनिले |  
शोफं सतोदं कोष्णेन ..... परिषेचत् ||

Which option will be correct choice for the blank space?

- A. तैलेन
- B. सर्पिषा
- C. गोदुग्धेन
- D. तिलपिष्टेन

38. "ग्रहणे शुण्डिकार्मादे..... सुनताननम्|" This reference of 'अष्टाङ्गहृदयम् सूत्रस्थानम् शस्त्रविधिरध्यायः' is said in context to \_\_\_\_\_

- A. Badish shastra (बडिश शस्त्र)
- B. Anguli shastra (अंगुलिशस्त्र)
- C. Kutharika shastra (कुठारिका शस्त्र)
- D. Sarpashya shastra (सर्पास्य शस्त्र)

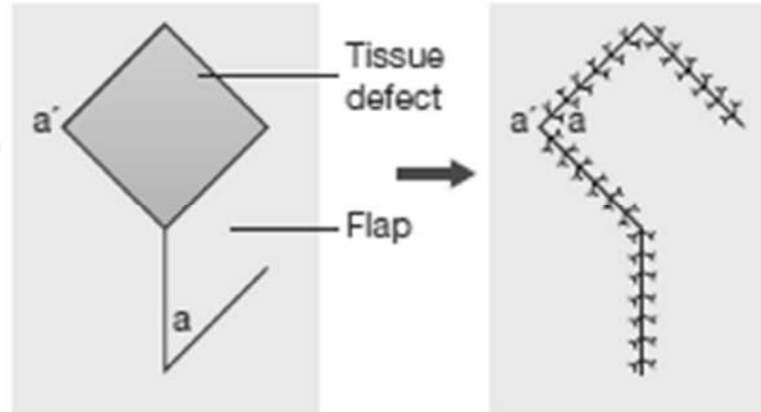
39. 'भेदनार्थेऽपरा सूचीमुखा मूलनिविष्टखा|' This reference of 'अष्टाङ्गहृदयम् सूत्रस्थानम् - शस्त्रविधिरध्यायः' is said in context to \_\_\_\_\_

- A. त्रिकूर्चक
- B. वेतस
- C. एषणी
- D. कुशपत्र

40. Wolfe skin graft is a type of .....

- A. Thin split-thickness skin graft
- B. Deeper split-thickness skin graft
- C. Thick split-thickness skin graft
- D. Full thickness skin graft

41.



Which option is correct choice in context to the picture shown above?

- A. Z plasty
- B. Rotation flap
- C. Parallelogram-shaped transposition flap
- D. buckle handle flap

42. Consider following statements in context to ultrasound:

1. First line investigation of choice for assessment of the liver, biliary tree and renal tract.
2. Imaging method of choice in obstetric assessment and gynecological disease.
3. High frequency transducers are used for assessment of thyroid and testicular disorders.

Choose the most appropriate option

- A. only 1 and 2 are correct
- B. only 1 and 3 are correct
- C. only 2 and 3 are correct
- D. All are correct

43. Consider following statements –

1. presence of perineal numbness (saddle area) and difficulties or changes in sensation when passing urine or faeces, as these symptoms may indicate a cauda equina syndrome (CES)
2. Spinal deformities, e.g. scoliosis and excessive kyphosis ( $>50^\circ$ ), are generally painful in children but may be asymptomatic in adult life.

Choose the most appropriate option

- A. 1 is correct but 2 is incorrect
- B. 1 is incorrect but 2 is correct
- C. Both are incorrect
- D. Both are correct

44. While commenting on following quote from ब्रणितोपासनीयाध्यायः अध्याय of Sushruta Samhita, 'तस्मिन् शयनमसम्बाधं स्वास्तीर्णं मनोजं प्राक्शिरस्कं सशस्त्रं कुर्वीत' Dalhana commented to explain the meaning. Which option will be correct answer after matching column A with column B?

Column A	Column B
1. तस्मिन्निति	a. शोभनैरास्तरणैस्तूलीगण्डोपधानैराच्छादनैश्चाच्छादितं
2. असम्बाधम्	b. रमणीयं
3. स्वास्तीर्णं	c. अगारे
4. मनोजं	d. असङ्कटम्

**Choose the most appropriate option**

- A. 1- a; 2-b ; 3-c ; 4-d  
B. 1- b; 2-a ; 3- d; 4-c  
C. 1- c; 2-d ; 3-a ; 4-b  
D. 1-d ; 2-c ; 3- b; 4-a

45. Consider following in context of changes in the intestine of a burn patient:

1. The inflammatory stimulus and shock can cause micro vascular damage and ischaemia to the gut mucosa
2. Gut motility is increased to enhance the absorption of food to safeguard the patient with a large burn from life-threatening complications.

**Choose the most appropriate option**

- A. 1 is correct but 2 is incorrect  
B. 1 is incorrect but 2 is correct  
C. Both are correct  
D. Both are incorrect

46. Match column A with B and choose correct option.

Column A	Column B
1. उत्पिष्टे	a. तु सन्धिपार्श्वोपगमनाद्विषमाङ्गता वेदना च;
2. विश्लिष्टे	b. सन्ध्यावुभयतः शोफो वेदनाप्रादुर्भावो विशेषतश्च नानाप्रकारा वेदना रात्रौ प्रादुर्भवन्ति;
3. विवर्तिते	c. सल्पः शोफो वेदनासातत्यं सन्धिविक्रिया च;
4. अवक्षिप्ते	d. सन्धिविश्लेषस्तीव्ररुजत्वं च;

- A. 1- a; 2-d ; 3-c ; 4- b  
B. 1-b ; 2-c ; 3-a ; 4- d  
C. 1-c ; 2-a ; 3-d ; 4- b  
D. 1- d; 2- b; 3-a ; 4- c

**47. 'दग्धेष्टिकादिवस्तुवर्णानि' is the feature of which of the following according to Dalhana?**

- A. Vatarsha
- B. Pittarsha
- C. Shleshmaarsha
- D. Raktarsha

**48. Which marma will lead to 'चलमूर्धता'?**

- A. Apanga (अपांग)
- B. Fana (फण)
- C. Vidhura (विधुर)
- D. Krikatika (कृकाटिका)

**49. Which option is incorrect in context to 'hepatocystic triangle'?**

- A. bounded superiorly by the inferior surface of the liver
- B. bounded laterally by the cystic duct and the medial border of the gall bladder
- C. bounded medially by the common hepatic duct
- D. bounded inferiorly by the cystic artery

**50. Consider following statements in context to small bowel adenocarcinoma –**

- 1. more often found in the jejunum than in the ileum**
- 2. More common in patients with Crohn's disease**
- 3. More common in patients of Peutz-Jeghers syndrome**

**Choose the Most appropriate option**

- A. Only 1 and 2 are correct
- B. Only 1 and 3 are correct
- C. Only 2 and 3 are correct
- D. All are correct

**51. "In this procedure, the rectum is prolapsed through the anal canal and a full-thickness resection performed, incorporating any associated colonic prolapse". Which option is correct in context to described procedure?**

- A. Delorme's procedure
- B. Altemeier's procedure
- C. Ripstein procedure
- D. Cooper's procedure

52. **Sushruta Samhita has mention of which of the following to be used as 'aalepan dravya (आपलेपन द्रव्य) ' in case of bhagna (भग्न) in Chikitsa Sthana Bhagna chikitsa (चिकित्सा स्थान भग्न चिकित्सा)?**
- Madhooka (मधूक)
  - Udumbara (उदुम्बर)
  - Rakta chandana (रक्त चंदन)
  - Palasha (पलाश)
53. **According to Sushruta Samhita Bhagna Chikitsa adhyaya (भग्न चिकित्सा अध्याय) how much time it will take to achieve 'sandhi sthirata (संधि स्थिरता)' in madhyam vaya (मध्यम वय)?**
- 15 days
  - 30 days
  - 60 days
  - 90 days
54. ".....नाडीं लौहीमुभयतोमुखीम् | दारवीं वा जतुकृतां घृताभ्यक्तां प्रवेशयेत् ||"  
**According to Sushruta Samhita this reference is mentioned in context to the treatment of \_\_\_\_\_**
- mootra vaha srotas sankoch (मूत्र वह स्रोतस संकोच)
  - kantha gata shalya nirharana (कंठ गत शल्य निर्हरण)
  - nirudhdha prakash (निरुद्ध प्रकश)
  - mootra vridhhi (मूत्र वृद्धि)
55. **According to Vagbhata, Vidradhi (abscess) occurring in the Vrukka presents with which of the following features?**
- Kati prushtha graha
  - Parshva sankocha
  - Mutra rodha
  - Sakthi graha
56. **The feature "कर्कशस्थिरव्रणता" is characteristic of which type of Dagdha?**
- Twak dagdha
  - Mamsa dagdha
  - Sira dagdha
  - Asthi dagdha
57. **In the classical Ayurvedic reference:**  
"ततो गुग्गुल्वगुरुसर्जरसवचागौरसर्षपचूर्णैर्लवणनिम्बपत्रविमिश्रैराज्ययुक्तैर्धूपयेत् | आज्यशेषेण चास्य प्राणान् समालभेत"  
**The term "Prana" refers to:**
- Mana
  - Atmadi
  - Hridayadi
  - Prana vayu

**58. Regarding the Modified Wells criteria, which of the following statements is correct?**

- A. Calf circumference more than 3 cm larger than the other side, measured 10 cm below the tibial tuberosity, scores 2 points
- B. It is used to assess the severity of peripheral arterial disease
- C. Previous deep vein thrombosis scores 2 points
- D. Intravenous drug abuse scores 3 points

**59. In the context of Yantras described in Ashtanga Sangraha, consider the following description:**

“षडङ्गुले बस्तियन्त्राकारे मुखतोऽकर्णिके मूलमुखयोरङ्गुष्ठकलायप्रवेशस्त्रोतसी”

**Which of the following yantras best corresponds to the above description?**

- A. Yoni-vraṇa-darshana yantra
- B. Arsho yantra
- C. Bhagandara yantra
- D. Naḍi-vraṇa prakshalana-abhyanjana yantra

**60. Assertion (A):** *Takra* is considered as an *apathya* diet in patients with wounds.

**Reason (R):** It aids in drying of exudate and promotes faster healing of the wound.

**Choose the most appropriate option**

- A. Both Assertion (A) and Reason (R) are true, and R is the correct explanation of A.
- B. Both Assertion (A) and Reason (R) are true, but R is NOT the correct explanation of A.
- C. Assertion (A) is true, but Reason (R) is false.
- D. Assertion (A) is false, but Reason (R) is true.

**61. Upanaha (medicated poultice) using Utkarika is indicated in the treatment of which type of Nadi Vrana?**

- A. Vataja
- B. Pitttaja
- C. Kaphaja
- D. Sannipataja

**62. Assertion (A):** अमनोजदर्शनगन्धत्वं (unpleasant appearance and foul smell) is a feature of *Dushṭa Vrana*.

**Reason (R):** अमनोजदर्शनगन्धत्वं occurs due to vitiation of *Vata* and *Kapha* doshas only.

**Choose the most appropriate option**

- A. Both Assertion (A) and Reason (R) are true, and R is the correct explanation of A.
- B. Both Assertion (A) and Reason (R) are true, but R is NOT the correct explanation of A.
- C. Assertion (A) is true, but Reason (R) is false.
- D. Assertion (A) is false, but Reason (R) is true.

63. Consider the following statements regarding fasciotomy in compartment syndrome:

1. Fasciotomy is indicated when compartment pressure is persistently greater than 30 mmHg.
2. Fasciotomy is performed through transverse incisions involving skin, subcutaneous tissue, and deep fascia
3. In delayed crush injuries, late fasciotomy is always preferred as it prevents myoglobin release and renal complications.

Which of the above statements are correct?

- A. 1 only
- B. 1 and 3 only
- C. 2 and 3 only
- D. 1, 2 and 3

64. According to *Sushruta*, in children, elderly, weak, timid patients, or women, when a wound (*Vrana*) occurs over vital points (*Marma*), which treatment approach (*Upakrama*) is indicated?

बालवृद्धासहक्षीणभीरूणां योषितामपि || मर्मोपरि च जातेषु रोगेषूक्तेषु ..... |

- A. *Upanaha*
- B. *Darana*
- C. *Bhedana*
- D. *Peedana*

65. दौर्बल्यं सदनं कार्श्यं कुक्षिशूलमरोचकम् I

पाण्डुत्वमुष्णवातं च तृष्णां हृत्पीडनं वमिम् II

The cardinal sign & symptoms are found in which of the following clinical condition

- A. Ashmari
- B. Chhidrodara
- C. Mootraghata
- D. Mootrakrichhra

**66. Given below are two statements, one is assertion (A) and other is reason (R) in context Vrana Bandhan according to Dalhana Tika**

**Assertion (A)**-The frequency of bandage removal is respected to time, it should be on every third day in Hemant, Shishira and Vasanta Ritu.

**Reason (R)**- Cold seasons might be checked the risk of speeding up of the process of Paka, However Pitta Dosha is involved the bandage can remove based on the condition.

**In light of above statements, select the most appropriate statement**

- A. Both (A) and (R) are true and (R) is the correct explanation of (A)
- B. Both (A) and (R) are true but (R) is not the correct explanation of (A)
- C. (A) is true and (R) is false
- D. (R) is true and (A) is false

**67. Given below are two statements, one is assertion (A) and other is reason (R) in context principles of Ksharakarma according to Sushruta**

**Assertion (A)**: In Poorvakarma of Kshara, the affected part must be prepared according to the involved Dosha.

‘अवघृष्येति पित्तदुष्टम्, अवलिख्येति वातदुष्टं, प्रच्छयित्वेति कफदुष्टं’

**Reason (R)**: The duration of contact and the thickness of Kshara application must also be considered to ensure effective and safe Ksharakarma.

**In light of above statements, select the most appropriate statement**

- A. Both (A) and (R) are true and (R) is the correct explanation of (A)
- B. Both (A) and (R) are true but (R) is not the correct explanation of (A)
- C. (A) is true and (R) is false
- D. (R) is true and (A) is false

**68. Match the table with respect Jalauka identification according to Sushruta Samhita.**

Column 1		Column 2	
a	पद्मपत्रवर्णा	1	पिङ्गला
b	शीघ्रपायिनी	2	मूषिका
c	अनिष्टगन्धा	3	शङ्कुमुखी
d	आशुगा	4	सावरिका

- A. a-4, b-3, c-2, d-1
- B. a-3, b-4, c-1, d-2
- C. a-2, b-3, c-4, d-1
- D. a-1, b-4, c-2, d-3

**69. A 50-year-old female with a history of Madhumeha and a previous injury to the lower back visited the Shalya OPD with complaints of pus discharge from the perianal region. On perianal examination followed by Digital Rectal Examination (DRE), she was diagnosed as a case of Antarmukhi Bhagandara, located nearer to Sevani and Katikasthi. What is the prognosis in this clinical scenario.**

- A. Sukhasadhya
- B. Kasta sadhya
- C. Yappa
- D. Shastrasadhya

**70. What is the demarcation line for mucopexy performed after haemorrhoidal dearterialization?**

- A. Mucopexy terminates at least 5 mm proximal to the dentate line.
- B. Mucopexy terminates at least 5 mm distal to the dentate line.
- C. Mucopexy terminates at the dentate line.
- D. Mucopexy terminates at the level of the mucocutaneous junction.





QUESTION BOOKLET



Ph.D. Entrance Examination 2026-27  
12. SWASTHAVRITTA



DATE: \_\_\_\_\_

Name of the Candidate: \_\_\_\_\_

Roll No.: \_\_\_\_\_

Signature of the Candidate: \_\_\_\_\_

Signature of the Invigilator: \_\_\_\_\_

DO NOT OPEN THIS QUESTION BOOKLET UNTIL YOU ARE TOLD TO DO SO

GENERAL INSTRUCTIONS

1. IMMEDIATELY AFTER THE COMMENCEMENT OF EXAMINATION, YOU SHOULD CHECK THAT THIS QUESTION BOOKLET DOES NOT HAVE ANY UNPRINTED TO TORN OR MISSING PAGES OR ITEMS ETC. IF SO, GET IT REPLACED BY A COMPLETE QUESTION BOOKLET.
2. Please note that it is the candidate's responsibility to fill in the roll number, subject etc carefully and without any omission or discrepancy at the appropriate places in the OMR answer Sheet. Any omission/Discrepancy will render the answer sheet liable for rejection.
3. You have to enter your Name, Roll No and signature on the Question Booklet. DO NOT write anything else on the question booklet
4. This question booklet contains **70 Questions**. There are four alternatives for the answer to every question. 01 mark will be given for each correct response.
5. **PENALTY FOR WRONG ANSWERS:** There will be penalty for wrong answers marked by a candidate.
  - a. For each question for which a wrong answer has been given by the candidate, **one-fourth** of the marks assigned to that question will be deducted as penalty.
  - b. If a candidate gives more than one answer, it will be treated as a wrong answer even if one of the given answers happens to be correct and there will same penalty as above to that question.
  - c. If a question is left blank, i.e. No answer is given by the candidate, there will no penalty for that question
6. The duration of the Entrance Examination (for both parts) will be **75 minutes**
7. You have to mark all your responses **ONLY** on the provided OMR answer sheet.
8. After you have completed filling in all your responses on the OMR answer sheet and the examination has concluded, you should hand over to the invigilator OMR Answer sheet and Question Booklet.
9. Blank page at the end of the question booklet may be used for rough work.

- 1. In a population, Blood group is measured. What type of scale measurement is it?**
  - A. Interval
  - B. Ordinal
  - C. Nominal
  - D. Ratio
  
- 2. Selecting participants considering their availability at a particular time and place in research study is known as**
  - A. Convenient sampling
  - B. Purposive sampling
  - C. Snowball sampling
  - D. Stratified sampling
  
- 3. Median can be measured graphically using**
  - A. Scatter Diagram
  - B. Frequency Polygon
  - C. Cumulative Frequency diagram
  - D. Frequency Curve
  
- 4. A researcher was examining correlation between height of father and their son and calculated correlation coefficient as +1.007. What would be your reaction to this observation on correctness?**
  - A. Absolutely possible
  - B. Absolutely Impossible
  - C. Possibly Correct
  - D. Possibly Impossible
  
- 5. An observational study to establish cause-effect relationship between two or more factors observed under natural course is called**
  - A. Descriptive Study
  - B. Analytical Study
  - C. Randomized study
  - D. Intervention study
  
- 6. To conduct an incidence study, what type of study design should be used?**
  - A. Cross-sectional Design
  - B. Cohort Design
  - C. Case-control design
  - D. Randomized control Design

- 7. Suppose you wish to measure the trend of responses of a treatment intervention longitudinally after 3-4 short, predefined observation periods. Which study design would be suitable?**
- A. Cross-over
  - B. Pre-Post
  - C. Sequential
  - D. Repeated Measure
- 8. The normal range of blood pressure reading 120/80 for systolic/diastolic comes from data observed on healthy persons. In statistical terms what does it indicate?**
- A. Statistical Threshold (Mean/SD)
  - B. Statistical Threshold (Mean and SD)
  - C. Statistical Threshold ( $SD \pm$  Mean)
  - D. Statistical Threshold ( $Mean \pm 2SD$ )
- 9. Results of binary response (Yes/No) of two different methods were cross tabulated, how to assess discordance between two responses by an appropriate statistical test?**
- A. ANOVA
  - B. Student independent test
  - C. Student t-test
  - D. McNemar Chi-square test
- 10. The cause-Effect relationship can be more certain in which study design?**
- A. Case Series
  - B. Cross-sectional
  - C. Cohort
  - D. Case report
- 11. The percentage of clinical status correctly classified as cases by the test is called**
- A. Positive predictive value
  - B. Negative predictive value
  - C. Specificity
  - D. Sensitivity
- 12. The trials which are conducted to prevent the occurrence of disease are called**
- A. Clinical trial
  - B. Laboratory trial
  - C. Prophylactic trial
  - D. Hospital based trials

- 13. A centralized digital platform created by the Indian Cybercrime Coordination Centre to expedite the removal of unlawful online content is \_\_\_\_\_**
- A. ASHTADASHI
  - B. SUGAMA
  - C. SAHYOG
  - D. BHAVISHYA
- 14. Refusal to participate at any point during the research process, as not signing a consent form, or may be verbally stated, or indicated by indirect verbal or non-verbal behaviors is known as \_\_\_\_\_**
- A. Debriefing
  - B. Dissent
  - C. Deception
  - D. Coercion
- 15. As a part of survey to understand the quality of healthcare facilities at AIIA, the Medical Superintendent asks, "How satisfied you are with hospital services?" The responses were recorded as "Very satisfied, Satisfied, Neutral, Dissatisfied, Very dissatisfied" The kind of scale being used here is \_\_\_\_\_**
- A. Nominal
  - B. Ordinal
  - C. Interval
  - D. Ratio
- 16. A researcher has developed a new 10-item scale measuring anxiety in Alzheimer's patients. The Cronbach's alpha coefficient is calculated to be 0.60. How should the researcher interpret this?**
- A. The scale has excellent reliability & can be used immediately.
  - B. The scale has low internal consistency & needs item refinement.
  - C. The scale has good test-retest stability.
  - D. The scale is measuring two different concepts.
- 17. The metric, a researcher should use to measure how much their published paper is being discussed, shared, and cited on social media platforms like Twitter, Mendeley, and blogs, rather than just in formal journals is \_\_\_\_\_**
- A. Citation impact
  - B. Altmetrics
  - C. Source Normalized Impact per Paper
  - D. g-index

18. 'X' is a well-known industry in India, starts using a logo very similar to another familiar international brand, 'Y', causing confusion among consumers. What can 'Y' sue for?
- A. Patent Infringement
  - B. Trademark Infringement
  - C. Copyright Infringement
  - D. Trade Secret Theft
19. SCARE Guidelines are framed for \_\_\_\_\_
- A. Reporting of Surgical Case Reports
  - B. Reporting Animal pre-clinical Studies
  - C. Reporting Observational Studies
  - D. Reporting Study Protocols
20. Schedule C of Food Safety and Standards (Ayurveda Aahara) Regulations, 2022 holds information on \_\_\_\_\_
- A. List of Additives permitted in Ayurveda Aahara
  - B. Microbiological Standards for Ayurveda Aahara
  - C. Categories of Ayurveda Aahara and Regulatory Requirements
  - D. List of authoritative books for Ayurveda Aahara
21. Industry–research interface programme launched by CCRAS in collaboration with the Confederation of Indian Industry for advancing the scientific, industrial, & commercial ecosystem of Ayurveda is \_\_\_\_.
- A. AMAR
  - B. SAHI
  - C. SIDDHI
  - D. e-MEDHA
22. In a clinical trial, the factor ATTRITION is referred to \_\_\_\_\_
- A. Loss of enrolled participants over time
  - B. Documenting compliance to the interventional protocol
  - C. Taking consent from vulnerable groups of participants
  - D. Mechanism of ensuring safety during the trial period
23. An investigator conducting a KAP study in an academic institution announced in the class that, "*Students who participate in the study will get a 5% bonus on their final exam, while those who do not will have to complete an extra assignment.*" This approach can be considered as \_\_\_\_\_
- A. Reasonable incentive
  - B. An act of Coercion
  - C. Violating Confidentiality
  - D. Falsification of information

- 24. OECD Test 403 issues guidelines for conducting \_\_\_\_\_**
- A. Acute Inhalation toxicity
  - B. Repeated Dose Dermal toxicity
  - C. Genetic toxicity
  - D. Carcinogenicity
- 25. National Ethics Committee Registry for Biomedical and Health Research is managed by \_\_\_\_\_**
- A. Department of Health Research
  - B. All India Institute of Medical Sciences
  - C. Council for Scientific and Industrial Research
  - D. Ministry of Ayush
- 26. Internal validity of a study refers to:**
- A. Generalizability of results to other populations
  - B. Extent to which observed effects are due to the independent variable
  - C. Size of the study sample
  - D. Replication of the study in different settings
- 27. Which guideline is used for reporting diagnostic test accuracy studies?**
- A. CONSORT
  - B. STROBE
  - C. CARE
  - D. STARD
- 28. What is the purpose of adding an asterisk\* at the end of a word when searching The Cochrane Library?**
- A. Searches it as a phrase
  - B. Combines like or synonymous terms
  - C. Will search for variant endings
  - D. Narrows a search
- 29. As per the NDCTR-2019 Chapter-III, the Ethics Committees are required to maintain the documents related to the structure, composition, and functions for up to?**
- A. Three Years
  - B. Five Years
  - C. Seven Years
  - D. Lifetime

- 30. Carcinogenicity studies should be performed for all drugs that are expected to be clinically used for more than \_\_\_\_\_ months as well as for drugs used frequently in an intermittent manner in the treatment of chronic or recurrent conditions.**
- A. Six Months
  - B. Nine Months
  - C. One year
  - D. Lifetime
- 31. Drawing a small sample of blood for Testing in a research protocol involves the following risk category.**
- A. Less than minimal risk
  - B. Minimal risk
  - C. Minor increase over minimal risk or Low risk
  - D. More than minimal risk or High risk
- 32. A doctoral Ayurveda scholar receives an email from an *International Journal for Traditional Medicine* praising scholar's previous publication and requesting to submit a new manuscript within 5 days for a guaranteed "rapid peer review" for a processing fee of \$1500. The best response expected from the scholar in such condition is \_\_\_\_\_**
- A. Submit research outcomes immediately to get ahead of the fellow researchers.
  - B. Reply to the email to negotiate the fee.
  - C. Ignore the email and independently look up the journal's reputation on DOAJ.
  - D. Acknowledge to the sender and request for some time to submit manuscript.
- 33. If the weight of 1000 adult females follows a normal distribution, the percentage of females who have more than two standard deviations above the mean weight will be:**
- A. 0.5
  - B. 2.5
  - C. 0.01
  - D. 0.05
- 34. In multiple regression analysis, the number of dependent variables should be:**
- A. Two
  - B. Three
  - C. No limit (any number of variables)
  - D. One

**35. What is the purpose of the "ShodhShuddhi" initiative?**

- A. Enhance student enrollment
- B. Provide access to plagiarism detection software
- C. Promote research funding
- D. Generate an online Research database

**36. According to Bhavaprakasha, the properties mentioned in the following verse are related to which of the following options?**

प्रायः \_\_\_\_\_ सर्वाणि विष्टम्भीनि गुरुणि च । रूक्षाणि बहुवर्चासि सृष्टविण्मारुतानि च ।

- A. धान्य
- B. शाक
- C. मांस
- D. फल

**37. As per Bhava Prakasha, which statement regarding Dadhi (Curd) is TRUE**

- A. सगुडं कफनुद् वृष्यं बृहणं तर्पणं गुरु ।
- B. नक्तं दधि भुञ्जीत ।
- C. दधि न भुञ्जीत सघृतशर्करम् ।
- D. सशर्करं दधि श्रेष्ठं तृष्णापित्तासदाहजित् ।

**38. As per Bhava Prakasha, Bedhamika is prepared from .....**

- A. Masha (black gram), Godhuma (wheat) flour
- B. Mudga (green gram) and Godhuma (wheat) flour
- C. Whole grain of Masha (black gram) and Rice
- D. Masha (black gram) and Madhulika (finger millet) flour

**39. As per Bhava Prakasha, which statement regarding Kadali Kanda (banana stem) has following properties**

- A. Chakshushya (good for eyes), Amlapittakara (causes hyperacidity), Agnihara (reduces digestive fire), Dahakara (causes burning sensation)
- B. Keshya (good for hair), Amlapittajit (cures hyper acidity), Vahnikrit (increases digestion), Dahahari (reduces burning sensation)
- C. Keshya (good for hair), Amlapittakara (causes hyperacidity), Agnihara (reduces digestive fire), Dahakara (causes burning sensation)
- D. Vrishya (enhances virility), Shleshmapittakara (causes increase of phlegm and bile), Agnihara (reduces digestive fire), Vibandhakara (causes constipation)

**40. Match the procedures and their definitions as Sushruta Samhita and Dalhana Tika**

i. उद्धर्षणम्	(a) सस्नेहकल्केनोद्धर्षणम्
ii. उत्सादनम्	(b) मज्जनम्
iii. उद्वर्तनं	(c) अस्नेहौषधचूर्णादिभिर्घर्षणम्
iv. अवगाहनं	(d) गात्रमर्दनम्

Choose the most appropriate option

- A. i-c, ii-a, iii-d, iv-b
- B. i-d, ii-a, iii-c, iv-b
- C. i-d, ii-a, iii-c, iv-b
- D. i-c, ii-d, iii-a, iv-b

**41. As per Ashtanga Hridaya, ..... is contra-indicated during Greeshma Ritu (Summer season)**

- A. Ragakhandava (semisolid preparation with sour sweet taste)
- B. Madya (alcohol) in large quantity
- C. Sasharkara Saktu (roasted Bengal gram or barley with sugar)
- D. Rasala (mango yogurt)

**42. Match the following Ritu (season) and Charya (regimen) as per Ashtanga Hridaya**

Ritu	Charya
(i) Vasanta (spring)	(a) Navanna (newly harvested rice), Vasa (fat) Taila (oil)
(ii) Greeshma (Summer)	(b) Shringaverambu (ginger water), Jaladambu (Cyperus rotundus root water)
(iii) Varsha (Rainy)	(c) Patala Vasita Ambhah (water flavoured with stereospermum suaveolens)
(iv) Sharat (Autumn)	(d) Mastu Sauvarchaladhya (clear part of curd with black salt)
(v) Hemanta (winter)	(e) Hamsodaka Pana (drinking water purified sun and moon rays)

- A. i-c, ii-b, iii-d, iv-e, v-a
- B. i-d, ii-c, iii-b, iv-e, v-a
- C. i-b, ii-c, iii-d, iv-e, v-a
- D. i-b, ii-d, iii-c, iv-e, v-a

**43. As per Ashtanga Hridaya, Hridroga (cardiac ailment) or discomfort in hridaya (discomfort in cardiac region) is produced due to suppression of which of the following Vega (natural urge)?**

- A. Chardi Vega
- B. Kasa Vega
- C. Mutra Vega
- D. Kshavatu Vega

**44. Match the following as per Goraksha Samhita**

योगाङ्ग	अभ्यास फल
(i) आसन	(a) अद्भुत चैतन्य प्राप्ति
(ii) प्राणायाम	(b) मनसा विकार मोचन
(iii) प्रत्याहार	(c) मोक्ष प्राप्ति
(iv) धारणा	(d) रुजा हन्ति
(v) ध्यान	(e) पातकं हन्ति
(vi) समाधि	(f) धैर्य प्राप्ति-

- A. i-e, ii-d, iii-b, iv-f, v-a, vi-c
- B. i-d, ii-e, iii-b, iv-f, v-a, vi-c
- C. i-d, ii-e, iii-f, iv-a, v-b, vi-c
- D. i-d, ii-e, iii-a, iv-f, v-b, vi-c

**45. As per the Hatha Yoga Pradipika, Pranayama (breath modulation) can be gradually practised up to ..... Cycles, ..... times in a day.**

- A. 60, 2
- B. 40, 2
- C. 80, 4
- D. 80, 1

**46. As per Nature Cure, the cereals, pulses, nuts, milk, egg etc. come under**

- A. Positive foods
- B. Negative foods
- C. Eliminative diet
- D. Alkaline diet

- 47. Under Mission Utkarsh, which classical Ayurvedic medicines are provided to anaemic adolescent girls?**
- A. Chyawanprash and Dhatri Loha
  - B. Drakshavaleha and Punarnavadi Mandoor
  - C. Dashmool Kwath and Navayasa Lauha
  - D. Brahmi Ghrita and Amalaki Rasayana
- 48. Blue line on gums, stippling of red cells, foot drop and wrist drop are the clinical features of .....**
- A. Lathyrism
  - B. Plumbism
  - C. Beri Beri
  - D. Folate deficiency
- 49. Expired or discarded medicines come under ..... Category of waste**
- A. Blue
  - B. Yellow
  - C. White
  - D. Red
- 50. An interactive voice response based on the mobile services that delivers time sensitive audio messages to pregnant ladies and mothers of young children and their family members is .....**
- A. Anmol
  - B. Laqshya
  - C. Suman
  - D. Kilkari
- 51. As per Sushruta Samhita, Kaupa Jala is advocated during**
- A. Varsha and Sharat ritu
  - B. Sharat and Hemanta
  - C. Vasanta and Greeshma Ritu
  - D. Hemanta Ritu
- 52. According to Ashtanga Sangraha, which of the following declines in the sixth decade of life?**
- A. Drishti (दृष्टि)
  - B. Twak (त्वक्)
  - C. Medha (मेधा)
  - D. Shukra (शुक्र)

**53. Match the following disease and vaccination**

Disease	Vaccination
i. Malaria	(a) Sputnik V Vaccine
ii. Yellow Fever	(b) Varicella vaccine
iii. Chickenpox	(c) RTS, S /AS01
iv. COVID 19	(d) 17D Vaccine

Choose the most appropriate option

- A. i-(c), ii-(d), iii-(b), iv-(a)
- B. i-(d), ii-(c), iii-(b), iv-(a)
- C. i-(d), ii-(c), iii-(a), iv-(b)
- D. i-(c), ii-(d), iii-(a), iv-(b)

**54. Identify the TRUE and FALSE statements from Charaka Samhita**

**Statement A:** अविक्षीरम् श्लेष्मपित्तजननानाम्।

**Statement B:** शष्कुल्यः श्लेष्मपित्तजननानाम्।

**Statement C:** माषाः श्लेष्मपित्तजननानाम्।

- A. Statement A, B and C are TRUE
- B. Statement A and B are TRUE and C is FALSE
- C. Statement A and B are FALSE and C is TRUE
- D. Statement A and C are TRUE and B is FALSE

**55. ".....स्पर्शनहितं पादयोर्व्यसनापहम् ।**

**बल्यं पराक्रमसुखं वृष्यं पादत्रधारणम्।।" Fill in the blank.**

- A. Chakshushyam (चक्षुष्यं)
- B. Paushtikam (पौष्टिकं)
- C. Kamyam (काम्यं)
- D. Dhanyam (धन्यं)

56. Match the following for Sandhyakalin Charya (संध्याकालीन चर्या).

Karma (कर्म)	Phala (फल)
i Bhojana (भोजन)	a. Garbhavikriti (गर्भविकृति)
ii Pathana (पठन)	b. Annaja Roga (अन्नज रोग)
iii Maithun (मैथुन)	c. Ayuhani (आयुहानि)
iv Nidra (निद्रा)	d. Trasa (त्रास)
v. Margagamana (मार्गगमन)	e. Daridrata (दरिद्रता)

- A. i-a, ii-b, iii-c, iv-d, v-e  
B. i-b, ii-c, iii-a, iv-e, v-d  
C. i-b, ii-e, iii-a, iv-c, v-d  
D. i-c, ii-b, iii-e, iv-d, v-a

57. In which of the following hosts does the parasite undergo the asexual phase of its development in its life cycle (e.g., Larval stage)?

- A. Primary Host  
B. Intermediate Host  
C. Compulsory Host  
D. Definitive Host

58. Which of the following comes under the indirect mode of transmission?

- A. Vertical Transmission  
B. Droplet Infection  
C. Droplet Nuclei  
D. Contact with an animal

59. Orchitis is a complication of which disease?

- A. Rubella  
B. Chicken Pox  
C. Measles  
D. Mumps

60. Swine flu is a respiratory disease typically caused by which subtype of the Influenza A virus?

- A. H1N1  
B. H2N2  
C. H3N2  
D. H5N1

**61. The digital platform used under NLEP for surveillance and reporting is:**

- A. Nikshay
- B. Nikusth 2.0
- C. Aarogya Setu
- D. eSanjeevani

**62. The renaming of RNTCP to NTEP reflects the Government of India's goal to eliminate tuberculosis by:**

- A. 2027
- B. 2025
- C. 2030
- D. 2035

**63. Which of the following initiatives under the PM POSHAN Scheme encourages community participation by providing special meals to school children on festivals or special occasions?**

- A. School Nutrition Gardens
- B. Social Audit
- C. Tithi Bhojan
- D. Vocal for Local

**64. According to Hatha Yoga Pradipika, how many principal asanas are described in detail?**

- A. 12
- B. 15
- C. 32
- D. 84

**65. Which of the following is a sleep-inducing factor as per Charaka?**

- A. Upavasa (उपवास)
- B. Utsadana (उत्सादन)
- C. Vyayama (व्यायाम)
- D. Dhumapana (धूमपान)

66. Which of the following comes under killed vaccines?  
A. MMR  
B. BCG  
C. OPV  
D. Salk Polio
67. Which of the following month is given by Chakrapani for 'माधवप्रथमे मासि' for Ritushodhana (ऋतुशोधन)?  
A. Chaitra (चैत्र)  
B. Vaishakha (वैशाख)  
C. Shravana (श्रावण)  
D. Margashirsha (मार्गशीर्ष)
68. "अध्वश्रममैथुनानां त्रयाणामन्ते प्रतिमर्शे दत्ते सति....." Fill in the blank in context of Pratimarsha Nasya.  
A. Srotasham Shuddhi (स्रोतसां शुद्धि)  
B. Drishterbalam (दृष्टेर्बलं)  
C. Klamasya Nashah (क्लमस्य नाशः)  
D. Dantadardyam (दन्तदार्ढ्यम्)
69. According to the Hemadri commentary, Brahma Muhurta corresponds to which muhurta of the night?  
A. 12th Muhurta  
B. 13<sup>th</sup> Muhurta  
C. 14th Muhurta  
D. 15th Muhurta
70. According to the Sarvangasundari commentary on Ashtanga Hrudaya, which of the following are considered most suitable for the daily practice of Gadusha?  
A. Madhu (Honey) or Ikshurasa (Sugarcane juice)  
B. Taila (Oil) or Mamsarasa (Meat soup)  
C. Takra (Buttermilk) or Kanji (Sour gruel)  
D. Gomutra (Cow's urine) or Ushnodaka (Warm water)

