

Sikkim Public Service Commission

**Written Examination for the post of Pharmacist (Ayurveda) under Sikkim State
AYUSH Service**

PAPER – II

Time Allowed: 2.5 hours

Full marks: 120

INSTRUCTIONS TO CANDIDATES

Read the instructions carefully before answering the questions: -

- 1. IMMEDIATELY AFTER THE COMMENCEMENT OF THE EXAMINATION, YOU SHOULD CHECK THAT THIS BOOKLET DOES NOT HAVE ANY UNPRINTED, TORN OR MISSING PAGES OR ITEMS. IF SO, GET IT REPLACED BY A COMPLETE TEST BOOKLET.**
- 2. Use only Black Ball Point Pen to fill the OMR Sheet.**
- 3. Do not write anything else on the OMR Answer Sheet except the required information.**
- 4. Candidates must fill in the particulars in the appropriate places in the Answer Sheet and OMR sheet as per given instructions. Any discrepancy/omission will render the Answer Sheet/OMR Sheet liable for rejection.**
- 5. Part - I of this booklet contains questions in MCQ mode to be marked in OMR Sheet. Part - II and Part - III contains Writing Section which must be written on separate answer sheet provided to you.**
- 6. After the examination has concluded, you should hand over the Answer Sheet and OMR sheet to the Invigilator only. You are permitted to take with you the Test Booklet.**
- 7. THERE WILL BE NEGATIVE MARKING FOR WRONG ANSWERS MARKED BY A CANDIDATE IN THE OBJECTIVE TYPE QUESTIONS**
 - i. There are four alternatives/answers to every question. For each question for which a wrong answer has been given by the candidate, one-third of the marks assigned to the question will be deducted as penalty.**
 - ii. If a candidate gives more than one answer, it will be treated as a wrong answer even if one of the given answers happen to be correct and there will be same penalty as above to the question.**
 - iii. If a question is left blank, i.e., no answer is given by the candidate; there will be no penalty for that question.**

DO NOT OPEN THIS TEST BOOKLET UNTIL YOU ARE ASKED TO DO SO

PART – I

Choose the **CORRECT OPTIONS** for the following: (1x40=40)

1. Under which schedule of Drugs and Cosmetics Rules 1945, the legal provisions related to GMP for Ayurvedic, Siddha and Unani medicines are described?
 - A. Schedule Y
 - B. Schedule T
 - C. Schedule X
 - D. Schedule M

2. Ayurvedic Pharmacopeia of India – Part 1 deals with-
 - A. Standard Monographs of Single Mineral drugs
 - B. Standard Monographs of compound formulations
 - C. Standard Monographs of Single Herbal drugs
 - D. Quality Control Methods of Ayurvedic formulations

3. Rule 161 [B] is meant for?
 - A. Shelf life of ASU drugs
 - B. Labelling and packing of Alcoholic products
 - C. Labelling and packing of ASU drugs
 - D. Legal Status of PLIM Ghaziabad

4. Prescription drugs are under which schedule of Drug and Cosmetic Act?
 - A. Schedule F
 - B. Schedule G
 - C. Schedule H
 - D. Schedule K

5. What is the Shelf Life of Churna as per Rules 161B of Drugs & Cosmetic Rules 1945?
 - A. 1Year
 - B. 2Years
 - C. 3Years
 - D. 5 Years

6. According to Sushruta, types of *MukhaRoga* are-
 - A. 24
 - B. 64
 - C. 45
 - D. 65

7. Heavy metal permissible limit for Mercury (Hg) in ASU drug according to API is-

- A. 0.3ppm
- B. 1 ppm
- C. 3 ppm
- D. 10 ppm

8. Which of the following *Musha* is used for *SatwaPatana*?

- A. *GostaniMusha*
- B. *VajraMusha*
- C. *MahaMusha*
- D. *MallaMusha*

9. *Dashmoolacomes* under which of the following *Mahakashaya*?

- A. *Kasahara*
- B. *Swasahara*
- C. *Shothahara*
- D. *Udardaprashamana*

10. Which of the following is *ShallakiNiryasa*?

- A. *Kunduru*
- B. *Tumbaru*
- C. *Turanjabeen*
- D. *Rala*

11. *Salbutamol* is-

- A. Bronchodilator
- B. Sedative
- C. CNS depressant
- D. Diuretic

12. Which of the following are used to safeguard "*Druti*"

- A. *Gomutra*
- B. *Ajamutra*
- C. *Kusumbhataila*
- D. *TilTaila*

13. According to Drug & Cosmetic Act, the packing of Ahifenasava should be of

- A. 15 ml
- B. 50ml
- C. 200ml
- D. 400ml

14. How many days are included in Ritusandhi?

- A. 7days
- B. 14 days
- C. 21days
- D. 30 days

15. Which one is not included in Trayaupstambha?

- A. Aahara
- B. Vihara
- C. Nidra
- D. Brahmcharya

16. Which of the following is live vaccine?

- A. B.C.G
- B. D.P.T.
- C. I.P.V.
- D. Hepatitis B

17. The Latin name of Haritaki is-

- A. *Terminalia chebula*
- B. *Terminalia bellirica*
- C. *Quercus infectoria*
- D. *Sphaeranthus indicus*

18. Pramana of AparOja is-

- A. 8 Bindu
- B. 10Bindu
- C. ½ Anjali
- D. 1 Anjali

19. Which of the following is Dharniya Vega?

- A. Nidra
- B. Kasa
- C. Jrimbha
- D. Krodha

20. Which dosha is responsible for Mridu Kosha

- A. Vata
- B. Pitta
- C. Kapha
- D. Sama

21. According to Sushruta, the number of *Marma* are-

- A. 100
- B. 103
- C. 105
- D. 107

22. The dose of albendazole in children of more than 2 years of age is:

- A. 200 mg
- B. 400 mg
- C. 600 mg
- D. 800 mg

23. *KsheerapaAvastha* is-

- A. Upto 6 months
- B. Upto 1 year
- C. Upto 2 years
- D. Upto 5 years

24. "*Moodhavanulomanam*" is the karma (function) of which Rasa?

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

25. The term neonate is born between-

- A. 22-27 week of gestation
- B. 32-37 week of gestation
- C. 37-42 week of gestation
- D. 42-47 week of gestation

26. Which drug is not included in *Trimada*?

- A. *Chitraka*
- B. *Pippali*
- C. *Mustaka*
- D. *Vidanga*

27. The urge for *Amla Rasa* is a feature of which *dhatukshaya*?

- A. *Rasakshaya*
- B. *Raktakshaya*
- C. *Mamsakshaya*
- D. *Medakshaya*

28. According to *Vagbhata* seat of *Ranjaka Pitta* is

- A. *Amashaya*
- B. *Hriday*
- C. *Yakrit-pleeha*
- D. *Agniyashaya*

29. According to *Charaka Samhita*, Karma of *Madanphala* is-

- A. *Vamana*
- B. *Aasthapana*
- C. *Anuvasana*
- D. All of the above

30. According to *Charaka*, which type of *Anjana* should be used daily-

- A. *Sauveeranjan*
- B. *Sroto-anjan*
- C. *Rasanjan*
- D. *Pushpanjan*

31. "Shirashaithilya" is the lakshan of-

- A. *Raktakshaya*
- B. *Medakshaya*
- C. *Mamsakshaya*
- D. *Asthikshaya*

32. *Lavana*, *Amla*, *Katu Rasa Sevana* and *Vyayama* are prohibited in ____ *ritu*.

- A. *Hemanta*
- B. *Sharad*
- C. *Varsha*
- D. *Greeshma*

33. Which test is performed to evaluate the ability of the tablets to withstand abrasion in packaging, handling and transportation?

- A. Friability test
- B. Hardness test
- C. Disintegration test
- D. None

34. Rogadhikara of PrabhakarVati is-

- A. Grahani
- B. Kasa
- C. Vatavyadhi
- D. Hridroga

35. Matra (quantity) of Sharkara in TalishadiChurna is-

- A. Equal to all ingredients
- B. Eight times of Pippali
- C. Half of TalishPatra
- D. Equal to Pippali

36. The branch related to detection, assessment, understanding and prevention of adverse effect of medicine is-

- A. Pharmacology
- B. Pharmacovigilance
- C. Pharmacokinetics
- D. Pharmacodynamics

37. The number of Yonivyapada are-

- A. 5
- B. 10
- C. 15
- D. 20

38. Snayu is the Updhatu of

- A. Mansa
- B. Meda
- C. Asthi
- D. Majja

39. According to *CharakaKsheer* is Agrayain-

- A. Jeevaniyanam
- B. Bhrinhaniyana
- C. Tarpaniyanam
- D. Ashwaskaranam

40. According to *Sharangdhara*, what is the ratio of Drug, milk and water in respective order in *KsheeraPaka Kalpana*?

- A. 1: 4: 8
- B. 1: 15: 15
- C. 1: 8: 16
- D. 1: 8: 32

PART – II

Answer ANY TEN of the following: (5x10=50)

1. Write a short note on Drug & Magic Remedies Act, 1954.
2. Give a brief description of *GarbhiniParicharya*.
3. Define *Prakriti* and its types with their characteristic features.
4. Write down the general anatomy of uterus.
5. Write a short note on *Ritusandhi*.
6. Write a short description of *TrividhaUpstambha*.
7. Write a shot note on *Anupana* and its importance.
8. Give a brief description of *Put* and their types.
9. Write a brief description of *Dolayantra* and its uses.
10. What are the rules for taking *Shushka-Ardra* and *Dravamedicine*.
11. Write down the types of *Snehapaka* and their uses.
12. Write down a short note on universal immunization programme?

PART – III

Attempt ANY TWO of the following questions: (15x2=30)

1. Describe the new developments in the field of Drug Regulation (Ayurveda).
 2. Write down the method of *Avaleha* preparation in detail.
 3. Write the guidelines and method of collection, storage, preservation of *Aushadhidravya*
 4. Write down the *Dincharya* and its importance in detail.
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