

Ph.D. ENTRANCE EXAMINATION, OCTOBER 2015

Section – B & C

Time : 140 Minutes

Max. Marks : 160

Instructions :

(This is to test the candidate's ability of defining concepts through short answers.)

- 1) Answer **any twelve** questions from Section **B** and **one** question from Section **C**.
- 2) In Section **B** **each** question carries **10** marks. Section **C** carries **40** marks.
- 3) In Section **B** an answer should not exceed **100** words. In Section **C** an answer should not exceed **500** words.
- 4) Candidates should **clearly** indicate the **Section, Question Number** and **Question Booklet code** in the answer paper.
- 5) The candidates are **permitted** to answer questions **only** from the subject that comes under the **faculty** in which he/she seeks registration as indicated in the **application** form.

FACULTY OF AYURVEDA AND SIDHA

1. Ayurveda

Name of Candidate

Register Number

Answer Booklet Code

Signature of Candidate

Signature of Invigilator



FACULTY OF AYURVEDA AND SIDHA

1. Ayurveda

Section – B

1. Discuss the postnatal treatments mentioned for prasootika correlating the biological changes that may occur.
2. Explain the Ayurvedic pathologies that are connected with presenting complaints of various types of vaginal discharges.
3. Elaborate the prenatal care mentioned in Ayurveda connecting the physiological status of gravid woman as well as foetus.
4. Explain the treatments of Vandhyata correlating the current concepts on female infertility.
5. Describe the procedural and medicinal effect of niroohavasti; discuss the reversal of pathology expected.
6. Describe the facilities to be present in a vamana theater by detailing the procedures and expected complications.
7. Analyse the sweda procedures that are mentioned in Samhitas and that are practising in Kerala.
8. Mention the various measurements (maatras) mentioned in Panchakarma in relation to anthropometry and discuss its merits and demerits
9. Evaluate the drugs of praakara yogas and establish their role in immunity developments.
10. Explain the diagnostic features of autism and the connected Ayurvedic pathologies related to the disease.
11. Suggest treatment protocols in various delayed milestone cases.
12. Describe psychological problems of adolescents and suggest a screening method.
13. Explain the use of various ksharas in various diseases acting at different levels.



14. Derive a general strategy for managing various surgical procedures with Ayurvedic drugs and suggest the stage wise changes to be implemented in National Policies.
15. Describe the Dravidian contributions to Ayurveda in managing various orthopedic conditions.
16. Explain the samprapti of any two diseases mentioned in the context of Salyatantra in the background of shadkriyakala and suggest treatment for each phase in shashtirupakram.
17. Detail the concepts and treatment procedures introduced in the Visha chikitsa grandhas of Kerala and compare them with that are given in Samhitas.
18. Explain the Ayurvedic line of treatment of viper bite poisoning with condition-specific managements.
19. Compare the principles mentioned for preparation of vishakanya and Serum antivenom. Discuss the merits and demerits.
20. Mention important guidelines mentioned in Ayurveda with respect to medical ethics and compare them with current concepts.
21. Discuss the current concepts on dietary regimes on management of Diabetes mellitus and suggest an Ayurvedic menu with rationales mentioned in Ayurveda.
22. Describe the management of obesity in Ayurveda analysing various pathologies.
23. Describe the role of Ayurveda in cancer management in the background of various research studies.
24. Explain the Ayurvedic samprapti of irritable bowel syndrome and suggest management with rationales.
25. Explain the methods of prevention of zoonotic diseases that are mentioned in Ayurveda.
26. Discuss on how yoga can interfere in the field of ergonomics.
27. Suggest a protocol based on yoga for patients in executive jobs highlighting the rationales.
28. Discuss the role of swasthavritha specialist in the infection controls of the hospital.



29. Discuss the role of Dravyaguna specialist in enhancing the Ayurvedic properties in medicinal plant organic cultivation.
30. Compare the therapeutic utilities of Navadhaanya with disease specific utilities.
31. Analyse the utility of Punarnavashtaka kwadham in diseases that are not indicated classically with the help of Rasa panchaka.
32. Derive a protocol for evaluating the effect of various methods of "suddhi" citing any three examples of drug.
33. Describe various types of delivery and discuss their merits and demerits.
34. Describe various methods of Snehana, purpose of administration; explain the expected changes with Ayurvedic rationale.
35. Explain the method of detecting child abuse and its prevention.
36. Write the type of imaging technique useful in a case of head injury, specify the conditions.
37. Describe Dasapushpa and their individual and combined utilities in Agadatantra.
38. Write a protocol for management of complaints of HIV affected patients.
39. Discuss the preventive and curative managements that can be adopted in Varsha ritu.
40. Describe the samanya -vichitra pratyarabdha dravyas in general; cite one example for each and their use in disease management as single drugs.

Section – C

1. Design a cohort study to find out the causative factors of kushta.
 2. Charaka opines that women are less affected by prameha. Write a research protocol to study the finding.
 3. It is generally believed that early sterilisation among the women of Kerala leading to early menopause. Design a research protocol to find out the fact.
 4. Design a study to prove Drug 'A' is superior to Drug 'B' preventing the maximum types of bias.
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