

AYURVEDA VACHASPATI (M.D.AYURVEDA) (2017 COURSE)  
Specialisation Rasa Shastra evam Bhaishajya Kalpana : SUMMER : 2023  
SUBJECT : PAPER-I RASASHASTRA

Day : Monday  
Date : 21-08-2023

S-18013-2023

Time : 10:00 AM-01:00 PM  
Max. Marks : 100

**N.B.:**

- 1) All questions are **COMPULSORY**.
- 2) Figures to the right indicate **FULL** marks.
- 3) Draw neat labelled diagrams **WHEREVER** necessary

**Long Answer Questions: (LAQ) : Any THREE: (60)**

- Q.1 Explain the fundamental principles of rasaushadhi nirman.
- Q.2 Describe Bhasma Pariksha vidhi according to Ayurvedic classics and its significance in relation to contemporary testing procedures.
- Q.3 Describe in detail the need of in Murchhana in Rasaushadhi nirman with its various types and appropriate examples.
- Q.4 Explain the concept of pratidhi drugs applicable to Rasaushadhis with appropriate examples.

**Short Answer Questions: (SAQ): Any TWO: (20)**

- Q.5 Contribution of Ayurveda Prakash in development of Rasashstra.
- Q.6 Explain the definition of Jarana and its various types. Write different proportions of Parad: Gandhak used for jarana and its specific purpose.
- Q.7 Write in detail about Sudhavarga and explain the drug Godanti using following points: Identification, Sources, Physicochemical characterization, Shodhan, Maran and therapeutic properties.

**Write short notes on: Any FOUR: (20)**

- Q.8 Parad Samanya Shodhan
- Q.9 Gajaputa
- Q.10 Ksheertraya
- Q.11 Dravakgana
- Q.12 Abhrak bhasma

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Specialisation Rasa Shastra evam Bhaishajya Kalpana : SUMMER : 2023  
SUBJECT : PAPER-II BHAISHAJYA KALPANA

Day : Tuesday  
Date : 22-08-2023

S-18014-2023

Time : 10:00 AM-01:00 PM  
Max. Marks : 100

N.B.:

- 1) All questions are **COMPULSORY**.
- 2) Figures to the right indicate **FULL** marks.
- 3) Draw neat and labelled diagrams **WHEREVER** necessary.

**Long Answer Questions: (LAQ) Any THREE [ 3×20 = 60 Marks]**

- Q.1 Elaborate manufacturing and quality control standards of snehapaka kalpana as per ancient and modern parameters.
- Q.2 Describe classical and contemporary methods of storage of Ayurvedic drugs and products according to rules and guidelines.
- Q.3 Write in detail 'Matra Nischiti' according to Ayurvedic principles with suitable examples.
- Q.4 Describe Ayurvedic nutraceuticals and their contribution in therapeutics and preventive medicines.

**Short Answer Questions: (SAQ) Any TWO [ 2×10 = 20 Marks]**

- Q.5 Elaborate importance of Avaleha Kalpana with suitable examples.
- Q.6 Describe role of Anupana in therapeutics and pharmaceuticals.
- Q.7 What is malahara? Write preparation and uses of any two malaharas.

**Write short notes on: Any FOUR [ 4× 5 = 20 Marks]**

- Q.8 Drying methods and instruments for drying.
- Q.9 Methods of kshar preparation.
- Q.10 Quality control parameters of Guti- Vati.
- Q.11 Importance of expression and extraction methods.
- Q.12 Contribution of Bhaishajyaratnavali in pharmaceutical and therapeutic advances.

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Specialisation Rasa Shastra evam Bhaishajya Kalpana : SUMMER : 2023  
SUBJECT : PAPER-III RASA CHIKITSA & AUSHADHA YOGA VIGYANA

Day : Thursday

Time : 10:00 AM-01:00 PM

Date : 24-08-2023

S-18015-2023

Max. Marks : 100

**N.B.:**

- 1) All questions are **COMPULSORY**.
- 2) Figures to the right indicate **FULL** marks.
- 3) Draw neat labelled diagrams **WHEREVER** necessary

**Long Answer Questions: (LAQ) : Any THREE: (60)**

- Q.1 Write the ingredients with ratio, specific preparation method, drug dose and the therapeutic indication of Arogyavardhini vati, kaishorguggul, sitopalai churna.
- Q.2 Write the pathabheda of Shwetaparti. Explain the differences of the ingredients, manufacturing process and pharmacotherapeutics.
- Q.3 Differentiate between Satva kalpana and kshar kalpana. Describe in detail the method of preparation of Amrita satva and Apamarga kshar with their therapeutics.
- Q.4 Write the ingredients with proportion, preparation methods and indication, contraindication for different formulation stated under 'Lohakalpa'.

**Short Answer Questions: (SAQ): Any TWO: (20)**

- Q.5 Write the patha sanyogan and therapeutic profile of following sameerpannag rasa, panchamrit parpati.
- Q.6 Write the patha nichitti of Madhumalini vasanta rasa and its pharmacotherapeutics.
- Q.7 Write the patha sanyojan and therapeutic profile of following Tribhuvankirti, Shankhavati.

**Write short notes on Any FOUR: (20)**

- Q.8 Ingredients and preparation method of Rasanjana.
- Q.9 Ingredients, preparation methods and uses of Hemagarbha Pottali.
- Q.10 Narikel khanda nirman vidhi.
- Q.11 Preparation method and uses of Shatadhauta ghrita.
- Q.12 Chandrodayavarti- Ingredients, preparation method and therapeutic effects.

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**AYURVEDA VACHASPATI (M.D.AYURVEDA) (2017 COURSE)**  
**Specialisation Rasa Shastra evam Bhaishajya Kalpana : SUMMER : 2023**  
**SUBJECT : PAPER-IV PHARMACOLOGY AND PHARMACY MANAGEMENT**

Day : Friday

Time : 10:00 AM-01:00 PM

Date : 25-08-2023

S-18016-2023

Max. Marks : 100

**N.B.:**

- 1) All questions are **COMPULSORY**.
- 2) Figures to the right indicate **FULL** marks.
- 3) Draw neat and labelled diagrams **WHEREVER** necessary.

**Long Answer Questions: (LAQ) Any THREE | 3×20 = 60 Marks]**

- Q.1** Elaborate the scope of formulation designing, Ayurvedic pharmaceutical research and drug development in the present scenario.
- Q.2** Write in detail about the concept of bioassay, in vitro, in vivo and cell line studies stated in experimental pharmacology.
- Q.3** Discuss in detail about toxicity of heavy metals and chelation therapy.
- Q.4** Discuss in detail about present situation regarding patenting and IPR for Ayurvedic medicines.

**Short Answer Questions: (SAQ) Any TWO | 2×10 = 20 Marks]**

- Q.5** Define Pharmacy. Write about hospital and community pharmacy.
- Q.6** Discuss the pharmacovigilance for Ayurvedic medicines.
- Q.7** Write short essay on Traditional Knowledge Digital Library.

**Write short notes on: Any FOUR | 4× 5 = 20 Marks]**

- Q.8** Effect of manganese deficiency and excess intake.
- Q.9** Factors modifying drug effect.
- Q.10** Laws for narcotic drugs.
- Q.11** Ayurvedic Pharmacopiea.
- Q.12** Packaging Materials.

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