AYURVEDA VACHASPATI (M.D.AYURVEDA) (2017 COURSE)

SPECIALIZATION RASA SHASTRA EVAM BHAISHAJYA KALPANA : WINTER : 2023

SUBJECT : PAPER-I RASASHASTRA

Day : Tuesday | Time : 10:00 AM-01:00 PM

Date : 20-02-2024 | **W-18013-2023** | 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) **(3x20=60 marks)**

Q.1 Explain in detail with identification, grahyatva, types, shodhan, maran and therapeutic uses of Tamra with examples.

Q.2 Describe in detail standardization and quality control of Bhasma and Pishti.

Q.3 Elaborate the concept of Bhavana with suitable examples and its importance in ayurvedic medicines.

Q.4 Describe in detail Paraddosha and Paradshodhana and its importance.

Short answer questions SAQ (ANY TWO) **(2x10=20 marks)**

Q.5 Role of agni (heat) samskara and its significance in aushadhikarana.

Q.6 Write a comprehensive essay on Maharasavarga.

Q.7 Define parpati rasakalpana with suitable examples and significance.

Short Notes (ANY FOUR) **(4x5=20 marks)**

Q.8 Musha

Q.9 Bhaishajya Ratnavali

Q.10 Ratnavarga

Q.11 Khalvayantra

Q.12 Pratinidhi Dravya

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AYURVEDA VACHASPATI (M.D.AYURVEDA) (2017 COURSE)

SPECIALIZATION RASA SHASTRA EVAM BHAISHAJYA KALPANA : WINTER : 2023

SUBJECT : PAPER-II BHAISHAJYA KALPANA

Day : Wednesday | Time : 10:00 AM-01:00 PM

Date : 21-02-2024 | **W-18014-2023** | 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)** **(3x20=60 marks)**

Q.1 Elaborate manufacturing and quality control standards of Sandhana Kalpana as per ancient and modern techniques.

Q.2 Elaborate 'Kwath Paribhasha' in detail and describe any four upakalpans of kwatha.

Q.3 Describe Basti Kalpana with various types and examples. Write about relevant contemporary dosage form.

Q.4 Describe in detail classical and contemporary methods of determination of grahya-agrahyta of aushadhi dravyas.

Short answer questions SAQ **(ANY TWO)** **(2x10=20 marks)**

Q.5 Write comprehensive essay on 'Bhavprakash'.

Q.6 Explain methods of expression and extractions.

Q.7 Describe routes of drug administration.

Short Notes **(ANY FOUR)** **(4x5=20 marks)**

Q.8 Upanaha

Q.9 Netropacharartha Kalpana

Q.10 Creams and ointments

Q.11 Various drying methods

Q.12 Guggul shodhana

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AYURVEDA VACHASPATI (M.D.AYURVEDA) (2017 COURSE)

SPECIALIZATION RASA SHASTRA EVAM BHAISHAJYA KALPANA : WINTER : 2023

SUBJECT : PAPER-III RASA CHIKITSA & AUSHADHA YOGA VIGYANA

Day : Friday | Time : 10:00 AM-01:00 PM

Date : 23-02-2024 | **W-18015-2023** | 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)** **(3x20=60 marks)**

Q.1 Describe various manufacturing process of guggul kalpa and write about Mahayogaraj Guggul and Kanchanar Guggul.

Q.2 Explain path sanyojan, dose, anupana, therapeutic use of Vasanta Malati rasa and Suthashekhar rasa.

Q.3 Write ingredients with proportion, methods and therapeutics of Vasa Avaleha and Bala Taila.

Q.4 Compare and contrast between Yavagu and Yush kalpana. Write the significance of pathyakalpana.

Short answer questions SAQ **(ANY TWO)** **(2x10=20 marks)**

Q.5 Write formulation composition and probable mode of action of – Rasana saptaka kwath.

Q.6 Define pottali rasakalpa. Describe Hemagarbha pottali.

Q.7 Describe Pathsanyojan and therapeutic profile of – Narikel Lavana.

Short Notes **(ANY FOUR)** **(4x5=20 marks)**

Q.8 Rasajirna and Lohajirna

Q.9 Kanji

Q.10 Arogyavardhini Vati

Q.11 Navayasa Loha and Saptamrita Lohakalpa

Q.12 Dashamula Arishta

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AYURVEDA VACHASPATI (M.D.AYURVEDA) (2017 COURSE)

SPECIALIZATION RASA SHASTRA EVAM BHAISHAJYA KALPANA : WINTER : 2023

SUBJECT : PAPER-IV PHARMACOLOGY AND PHARMACY MANAGEMENT

Day : Saturday | Time : 10:00 AM-01:00 PM

Date : 24-02-2024 | **W-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**) **(3x20=60 marks)**

Q.1 Discuss in detail Good Manufacturing Practices related to Ayurvedic drug industry.

Q.2 Write in detail about routes of drug administration and describe their significant role in therapeutics with examples.

Q.3 Define pharmacovigilance. Write about present scenario of pharmacovigilance of Ayurvedic drugs.

Q.4 Describe methodology of clinical research and write about ethics for human research.

Short answer questions SAQ (**ANY TWO**) **(2x10=20 marks)**

Q.5 Elaborate the concept of drug interaction with suitable examples.

Q.6 Describe in brief about toxicity of heavy metals.

Q.7 Write short essay on Laws Governing Ayurvedic drugs.

Short Notes (**ANY FOUR**) **(4x5=20 marks)**

Q.8 Prevention of Food Adulteration Act (PFA).

Q.9 Animal ethics

Q.10 Traditional Knowledge Digital Library

Q.11 Elemental micronutrients and their physiological importance

Q.12 Intellectual Property Rights.

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