

M.D. (Rasa Shastra Evam Bhaishajya Kalpana) (2017 COURSE): SUMMER – 2022
SUBJECT: PAPER – I: RASASHASTRA

Day: Wednesday
Date: 17.08.2022

Time: 10.00 A.M. To 1.00 P.M.
Max. Marks: 100

S 18013- 2022

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 Lohanam Maranam shreshtham Sarvesham rasabhasmanam' substantiate the above statement. Write Marana of Suvarna accordingly.
- Q.2 Write the basic principles (Adharbhootasiddhanta) regarding manufacture of Rasakalpa. Which advanced techniques can be employed in pharmaceutical practices? Elaborate with appropriate examples.
- Q.3 Write the classification and importance of animal drugs used in Ayurvedic pharmaceuticals. Write the name and therapeutics of five dosage forms prepared from animal drugs.
- Q.4 Write the Ksharlavan Varga of Rasashastra and explain therapeutics of one kshar and one lavan.

Short Answer Questions: (SAQ): Any TWO:

(20)

- Q.5 Define the term 'Kupipakwa Rasaya'. Write the principle, general ingredients, equipment, procedure, testing method of end product and prescription details of any one kalpa of Kupipakwa.
- Q.6 Write the classification of Dhatoovarga. Write types, grahyagrahyatva and therapeutic properties of Loha and Suvarna.
- Q.7 Compare between ancient and modern heating devices used in preparation of Bhasma.

Write short notes on: Any FOUR:

(20)

- Q.8 Contribution of 'Rasatarangini' in Ayurvedic pharmaceuticals
- Q.9 Different steps carried out in preparation of Abhraka Bhasma
- Q.10 Preparation and therapeutic used of Mukta and Jaharmohara Pishti
- Q.11 Tests of Naga bhasma
- Q.12 Amritikaran of Tamra bhasma

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SUBJECT : PAPER-II BHAISHAJYA KALPANA

Day : Thursday

Time : 10:00 AM-01:00 PM

Date : 18-08-2022

S-18014-2022

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 difference between madhyajanak and amalyjanak sandhan. Enlist the different dosage forms of madyajanak and amalyjanak sandhan stated in Sharangdhara samhita in relation to the ingredients used and the therapeutic indications of each.
- Q.2** Why is the need of 'Standardization' of Ayurvedic herbal formulations? Write the parameters described in Ayurvedic samhitas. Explain the modern parameters used for standardization of the herbal medicines with examples.
- Q.3** Elaborate the concept of 'Pathya' and definitions of the dosage forms stated in this group. What are the modifications to be done for the availability of these formulations in market? How it can be implemented?
- Q.4** Write the Ayurvedic and contemporary methods to prepare Malahar formulations.

Short Answer Questions: (SAQ): Any TWO:

(20)

- Q.5** Define Tablet. Write the advantages and disadvantages of tablet dosage form. Which are the different methods of granulation by which oral tablets are manufactured.
- Q.6** Define distillation? Write the different types of distillation processes of modern science. How all these techniques can be implemented in the formulation of Arka dosage form?
- Q.7** Write the different extraction methods used in the modern pharmaceuticals.

Write short notes on: Any FOUR:

(20)

- Q.8** Contribution of 'Sharandhara samhita' in Ayurvedic pharmaceuticals
- Q.9** Size reduction and separation
- Q.10** Sharkar kalpana and syrup preparation
- Q.11** Basti kalpa nirman with one example
- Q.12** Concept of accha and sneha vicharana

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AYURVEDA VACHASPATI (M.D.AYURVEDA) (2017 COURSE)
Specialisation RASA SHASTRA EVAM BHAISHAJYA KALPANA :SUMMER- 2022
SUBJECT : PAPER-III RASA CHIKITSA & AUSHADHA YOGA VIGYANA

Day : Saturday
Date : 20-08-2022

S-18015-2022

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** Describe in detail Purna Chandrodaya Ras with its contents, method of preparation, medicinal dose, therapeutic uses and probable mode of action.
- Q.2** Describe Panchamrit Parpati in detail with its contents method of preparation, bandha, adbhikara and mode and action.
- Q.3** Write the ingredients with ratio, specific preparation method, drug dose and therapeutic indications of Yograj Guggulu and Triphala Guggulu.
- Q.4** Write the ingredients with ratio, specific preparation method, drug dose and therapeutic indications of Kumari Asava and Saraswatirishhta.

Short Answer Questions: (SAQ): Any TWO:

(20)

- Q.5** Write in detail manufacturing method and therapeutics of Chaturmukh Rasa.
- Q.6** Write in detail the ingredients, proportions and manufacturing methods of Narayan taila.
- Q.7** Write the path nichitti of Vasanta Malti rasa and its pharmacotherapeutics.

Write short notes on Any FOUR:

(20)

- Q.8** Ingredients and preparation method of Vasavaleha.
- Q.9** Ingredients, preparation method and uses of Rasasindoor.
- Q.10** Ajmodadi arka nirman vidhi.
- Q.11** Preparation method and uses of Atasi upanaha.
- Q.12** Phalavarti- Ingredients, preparation method and therapeutic effects.

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AYURVEDA VACHASPATI (M.D.AYURVEDA) (2017 COURSE)
Specialisation RASA SHASTRA EVAM BHAISHAJYA KALPANA :SUMMER- 2022
SUBJECT : PAPER-IV PHARMACOLOGY AND PHARMACY MANAGEMENT

Day : Monday

Time : 10:00 AM-01:00 PM

Date : 22-08-2022

S-18016-2022

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 Describe elemental constituents of human body (micronutrients) and their physiological importance.
- Q.2 Write various methods of preclinical evaluation of drugs with examples.
- Q.3 Define pharmacovigilance. Write the present scenario for pharmacovigilance of Ayurvedic drugs.
- Q.4 Explain in detail about Toxicity of Heavy metals and chelation therapy.

Short Answer Questions: (SAQ): Any TWO:

(20)

- Q.5 Describe development of pharmacy.
- Q.6 Explain the role of Ayurvedic formulary of India in Ayurvedic pharmaceuticals.
- Q.7 Describe pharmaceutical dosage form design (Pre Formulation).

Write short notes on Any FOUR:

(20)

- Q.8 Labelling and regulatory norms.
- Q.9 Laws pertaining to Narcotics.
- Q.10 Pharmacodynamics.
- Q.11 Bio availability.
- Q.12 Ethics involved in Human Research.

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