

M.D. (RAS SHASTRA & BHAISHAJYA KALPANA) : SUMMER -
2018

SUBJECT: RASA SHASTRA EVAM BHAISHAJYA KALPANA
PAPER-IV: PHARMACOLOGY AND PHARMACY MANAGEMENT

Day : Sunday
Date : 24/06/2018

S-2018-3731

Time : 10.00 AM TO 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 labeled diagrams **WHEREVER** necessary.

Long Answer questions (LAQ) (ANY THREE)

(3 x 20 = 60 marks)

- Q.1 Elaborate on various routes of Drug administration. Mention the advantages and disadvantages of each route.
- Q.2 Define bioavailability. What is its significance? What are the various factors affecting bioavailability explain with suitable examples.
- Q.3 Write detail about GMP. Is there a need to incorporate GMP regulations for Ayurvedic formulations?
- Q.4 Define pharmacovigilance. Discuss detail about present situations regarding pharmacovigilance of ayurvedic drugs.

Short Answer questions (SAQ) (ANY TWO)

(2 x 10 = 20 marks)

- Q.5 Write short essay on Ayurvedic pharmacopeia and formulary.
- Q.6 What is meant by pre-clinical studies? What is its relevance for assessment of Ayurvedic formulations?
- Q.7 Write a note on pharmacokinetics of the Ayurvedic medicines.

Short notes (ANY FOUR)

(4 x 5 = 20 marks)

- Q.8 Acute toxicity study.
- Q.9 Intellectual property right and Ayurvedic medicines.
- Q.10 Importance and rationality of experimental studies on animal.
- Q.11 Schedule 'Y'.
- Q.12 Laws related to Narcotic drugs.

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