

M.D. (RAS SHAstra & BHAISHAJYA KALPANA (2012 COURSE) : SUMMER – 2019
SUBJECT : RASA SHAstra EVAM BHAISHAJYA KALPANA
PAPER-IV : PHAMACOLOGY AND PHARMACY MANAGEMENT

Day : Friday
Date : 21/06/2019

Time : 10.00 AM TO 01.00 PM
Max. Marks : 100

S-2019-4196

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 the scope of pharmacy and Write an essay on the role of concerned education and the variety of jobs opportunities for pharmacists in the existing market.
- Q.2** Write in detail about the concept of Absorption, Distribution, Metabolism and Excretion stated in modern pharmacology.
- Q.3** What are GMP, GLP and GCP? Explain the implementation of these rules in Ayurvedic pharmaceutical industry.
- Q.4** Discuss detail about present situation regarding Pharmacovigilance of Ayurvedic drugs.

Short Answer questions (SAQ) (ANY TWO) (2 X 10 = 20 Marks)

- Q.5** What is meant by pre-clinical studies? Write it's relevance for assessment of Ayurvedic formulations.
- Q.6** Discuss the Patenting and intellectual property rights opportunities for Ayurvedic medicine.
- Q.7** Write short essay on Ayurvedic Pharmacopeia and formulary.

Short notes (ANY FOUR) (4 X 5 = 20 Marks)

- Q.8** Opportunities of cell line studies in research
- Q.9** Route of administration of Ayurvedic drugs
- Q.10** Define Spurious and Adulterated drugs
- Q.11** Acute toxicity study
- Q.12** Concept of new Drug development

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