

Code: 15R00202

R15

B.Pharm I Year II Semester (R15) Regular & Supplementary Examinations June 2018

GENERAL & DISPENSING PHARMACY

Time: 3 hours

Max. Marks: 70

PART – A

(Compulsory Question)

- 1 Answer the following: (10 X 02 = 20 Marks)
- Define pharmacopoeia.
 - When, where & in which language first USP was published?
 - Enlists types of mono-phasic liquids used in oral cavity.
 - Compare parenteral and ophthalmic dosage forms.
 - Give English meaning of latin terms: (i) Sem in die. (ii) S.O.S.
 - Give conversion of imperial system to domestic measures: (i) 1 Minims. (ii) 1 Ounce.
 - Define lotions.
 - What are dusting powders?
 - Give types of incompatibilities.
 - Define incompatibility.

PART – B

(Answer all five units, 5 X 10 = 50 Marks)

UNIT – I

- 2 Discuss the history and development of Indian pharmacopoeia.

OR

- 3 (a) Write a note on USP.
(b) What is monograph? Give importance of pharmacopoeia.

UNIT – II

- 4 Define prescription. Explain in detail various parts of prescription.

OR

- 5 (a) Give advantages and disadvantages of tablet as a dosage forms.
(b) Write a note on syrups.

UNIT – III

- 6 Discuss proof spirit along with O.P and U.P, proof strength. Calculate the strength of 95% V/V alcohol in terms of proof spirit and how many proof gallon are contained in 6 gallon of 95% V/V alcohol?

OR

- 7 (a) What is displacement value? Give its significance in preparation of suppositories.
(b) Find out the proportion of procaine hydrochloride which will yield a solution iso-osmotic with blood plasma (The freezing point of a 1% W/V solution of procaine hydrochloride is -0.122°C).

UNIT – IV

- 8 Give general dispensing method and qualities of good suspension. Compare flocculated and deflocculated suspension.

OR

- 9 (a) Write a short note on dusting powers:
(b) Discuss in detail about ointment bases.

UNIT – V

- 10 Describe in detail about chemical incompatibility.

OR

- 11 Explain therapeutic incompatibility along with suitable examples and method of rectifying it.