

Code: 15R00202

B.Pharm I Year II Semester (R15) Supplementary Examinations December 2017

GENERAL & DISPENSING PHARMACY

Time: 3 hours

Max. Marks: 70

PART - A

(Compulsory Question)

- 1 Answer the following: (10 X 02 = 20 Marks)
- (a) Write a note on I.P.
 - (b) Define drug and dosage form.
 - (c) Describe principles of dispensing.
 - (d) Convert the following into metric system;
(i) 1 drop (ii) 2 teaspoonful (iii) fl.oz (iv) 15 grains.
 - (e) What is isotonicity and how to calculate isotonicity adjustment?
 - (f) Classify mixtures with examples.
 - (g) Differentiate emulsions and suspensions.
 - (h) Classify dusting powders with suitable examples.
 - (i) What are liniments? Give one example.
 - (j) Discuss the significance of HLB value.

PART - B

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

UNIT - I

- 2 Discuss the contents of a monograph of I.P with the help of an example.
OR
- 3 Write a note on the development of pharmacy profession in India.

UNIT - II

- 4 Explain in detail about handling and compounding of prescription.
OR
- 5 Describe and classify the dosage forms, mention the importance of dosage forms with examples.

UNIT - III

- 6 What are the various units of weight and measures? Discuss metric system of measurement in detail.
OR
- 7 Describe in detail about posology calculations with examples.

UNIT - IV

- 8 Define emulsion. Write the tests for identification of emulsion. Add a note on emulsifying agent.
OR
- 9 Write definition, advantages and disadvantages of lotions and liniments with examples.

UNIT - V

- 10 What are pharmaceutical incompatibilities? Discuss therapeutic and inorganic incompatibilities in detail.
OR
- 11 Discuss in detail about physical and chemical incompatibilities.
