

B.Pharm I Year (R13) 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)
- (a) Write a note on U.S.P.
 - (b) Classify bulk solid dosage form.
 - (c) Write any four methods for correction of physical incompatibility.
 - (d) Define mixtures give example.
 - (e) Give Dilling's formula for calculation of child dose.
 - (f) Write a note on imperial system.
 - (g) Give two differences between liniments & lotions.
 - (h) Write a note on Infusion.
 - (i) Give the formula for adjustment of isotonicity by freezing point method.
 - (j) Write any four ideal characteristics of suspensions.

PART – B

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

UNIT – I

- 2 Write a brief note on the development of Indian pharmacopoeia. Explain the salient features of I.P 2007.

OR

- 3 Discuss the development of pharmacy profession in India. Write the salient features of I.P 1966.

UNIT – II

- 4 Explain the principles of dispensing. Write a note on handling of a prescription.

OR

- 5 Define prescription. Explain the terms superscription, subscription, signature, refilling. Write a note on labeling of dispensed products.

UNIT – III

- 6 Explain with a suitable example percentage W/W. Calculate the amount of 95% alcohol required to prepare 400 ml of 45% alcohol.

OR

- 7 Define posology. Explain any six factors which affect the dose selection. Write a note on alligation method.

UNIT – IV

- 8 Differentiate flocculated and deflocculated suspension. Write any three identification tests for type of emulsion.

OR

- 9 Compare maceration for organized and unorganized drugs. With a neat diagram explain soxhlation.

UNIT – V

- 10 Define incompatibility. Explain therapeutic incompatibility in detail with suitable examples.

OR

- 11 Discuss the chemical incompatibility due to oxidation of iodides with quinine sulphate and soluble salicylates with alkali bicarbonates.
