

Code: 15R00202

**R15**

B.Pharm I Year II Semester (R15) Supplementary Examinations December 2016

**GENERAL & DISPENSING PHARMACY**

Time: 3 hours

Max. Marks: 70

**PART – A**

(Compulsory Question)

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- 1 Answer the following: (10 X 02 = 20 Marks)
- Enumerate the ingredients of Calamine lotion with their indications.
  - Name the different parts of a prescription.
  - Mention the various editions of I.P.
  - What is an Elixir? Give example.
  - Write down the types of ointment bases with one example for each.
  - Give the meaning of following Latin terms:  
(i) Hora somni. (ii) Anti cibos. (iii) Quantum. (iv) Ter in die.
  - Differentiate between Gargle and Mouthwash.
  - Name any four units of Apothecary System.
  - What are the directions to be written on the label of a liniment?
  - What is simple ointment? Write its uses?

**PART – B**

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

**UNIT – I**

- 2 Write an essay on development of pharmaceutical industries in India post independence.

**OR**

- 3 (a) Write an elaborate note on Pharmacopeia and its significance.  
(b) Describe in brief, evolution of pharmacy education in India.

**UNIT – II**

- 4 Write briefly on handling of prescription and add a note on labeling of pharmaceuticals.

**OR**

- 5 (a) Define drug and dosage form.  
(b) Differentiate between Lotion and Liniment.

**UNIT – III**

- 6 (a) Explain the effect of the Accumulation and Tolerance on dose of a drug.  
(b) How much quantity of 70% alcohol has to be mixed with 100 ml of 30% alcohol to get 50 % alcohol?

**OR**

- 7 (a) Differentiate Synergism and Additive effect.  
(b) Write a short note on displacement value and its significance.

**UNIT – IV**

- 8 Classify suspensions and write the methods of dispensing different types of suspensions.

**OR**

- 9 Define and classify emulsions. Brief out the methods to identify the types of emulsions.

**UNIT – V**

- 10 Define and classify incompatibilities. Explain the incompatibilities involving alkaloids.

**OR**

- 11 Explain and give the methods to overcome the following incompatibilities:

- (a) ~~Liquefaction.~~  
(b) Therapeutic incompatibility.