

**F.Y.B.PHARM. SEMESTER-I (CBCS - 2015 COURSE) :**  
**WINTER - 2017**

**SUBJECT : MODERN DISPENSING PHARMACY**

Day : **Monday**  
Date : **13/11/2017**

Time : **10.00 AM TO 01.00 PM**

**W-2017-3778**

Max. Marks : 60

**N.B.:**

- 1) **Q.No. 1 and Q.No.5** are compulsory. Out of the remaining questions attempt **ANY TWO** questions from each section.
- 2) Answers to both the sections should be written in **SEPARATE** answer books.
- 3) Figures to the right indicate **FULL** marks.

**SECTION – I**

- Q.1** Answer **ANY FIVE** of the following: [10]
- a) Define the term Community Pharmacy and Compounding.
  - b) Enlist the responsibilities of Community Pharmacist.
  - c) Define and classify the methods of dispensing.
  - d) What is the importance of isotonicity in the sterile dosage forms?
  - e) The adult dose of Nimusulide is 100mg b.i.d. What should be the dose for a child of 30 kg?
  - f) What is the proof strength of 80% v/v and 40% v/v ethanol?
- Q.2** a) Define and explain the different parts of prescription with example. [06]  
b) Define and enlist the importance of PMR with example. [04]
- Q.3** Explain in detail factors considered for the dose calculation. [10]
- Q.4** Write short notes on **ANY TWO** of the following: [10]
- a) Developmental changes in Indian Pharmacopeia
  - b) Physical incompatibility
  - c) Signs of degradation of drug product

**SECTION – II**

- Q.5** Answer **ANY FIVE** of the following: [10]
- a) Enlist the importance of granules over powder.
  - b) Differentiate between Mouthwash and Gargles.
  - c) Write the direction and patient counselling for throat paint and liniments.
  - d) Write the patient counselling for the SR tablets.
  - e) What are the ideal properties of sutures and ligatures?
  - f) Why the sprays are preferred over the nasal drops?
- Q.6** a) Define and explain the principle of extraction process. [06]  
b) Write the identification tests for emulsion. [04]
- Q.7** Explain in detail about formulation aspects of solution. [10]
- Q.8** Write short notes on **ANY TWO** of the following: [10]
- a) Steps involved in the preparation of suppositories
  - b) Physical stability suspension
  - c) Patient counselling for effective use of Inhalers

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