

F.Y.B.PHARM. SEMESTER-I (CBCS - 2015 Course) : WINTER - 2018

SUBJECT : MODERN DISPENSING PHARMACY

Day : Friday
Date : 16/11/2018

W-2018-4063

Time : 10.00 A.M. TO 01.00 P.M.
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 the **SEPARATE** answer books.
 - 3) Figures to the right indicate **FULL** marks.
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SECTION – I

- Q.1** Answer **ANY FIVE** of the following: [10]
- a) Define the following terms: **i) Isotonicity** **ii) Dispensing**
 - b) What is PMR? Enlist its significance.
 - c) Write the different methods of dispensing.
 - d) Explain briefly the importance of refilling instruction with example.
 - e) What is the proof strength of 80% v/v and 45% v/v of ethanol?
 - f) How much sodium chloride should be used in compounding 5ml drops containing 2% pilocarpine nitrate?
- Q.2** a) Define and explain different parts of prescription with examples. [06]
b) Explain different types of prescription errors with examples. [04]
- Q.3** Explain in detail factors considered for dose calculation. [10]
- Q.4** Write a short notes on **ANY TWO** of the following: [10]
- a) Chemical Incompatibility
 - b) Role and responsibilities of community pharmacists
 - c) Patient Instruction Aids

SECTION – II

- Q.5** Answer **ANY FIVE** of the following: [10]
- a) Differentiate between liniments and lotions.
 - b) Write the direction, storage and patient counseling for mouthwash and gum paints.
 - c) Enlist the advantages of topical sprays over creams.
 - d) Write the patient counseling for inhalers.
 - e) Define the following term: **i) Maceration** **ii) Displacement value.**
 - f) Write the ideal properties of suppository bases.
- Q.6** a) Write briefly the principle of extraction. [06]
b) Explain the compounding methods for emulsion. [04]
- Q.7** Define, classify suppositories and explain different steps involved in the compounding of cocoa butter suppository. [10]
- Q.8** Write short notes on **ANY TWO** of the following: [10]
- a) Absorbable sutures and ligatures
 - b) Types of injections as per route of administration and volume
 - c) Enemas

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