

**F.Y.B.PHARM. SEMESTER-I (CBCS - 2015 COURSE) : SUMMER
- 2018**

SUBJECT : MODERN DISPENSING PHARMACY

Day : **Friday** Time : **10.00 AM TO 01.00 PM**
Date : **27/04/2018** Max. Marks : 60

S-2018-3905

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.

SECTION – I

- Q.1** Answer **ANY FIVE** of the following: [10]
- a) Define the terms compounding and adjusted Incompatibility.
 - b) Enlist the role and responsibilities of community pharmacist.
 - c) Write briefly the errors in the prescription writing with example.
 - d) Define proof spirit. Enlist its pharmaceutical significance.
 - e) In what proportion may pharmacist mix 3%, 5%, 15% and 20% centrimide solutions to produce a 10% centrimide solution?
 - f) If the adult dose of ibuprofen is 500 mg. What will be the dose for a child of 4 years?
- Q.2** a) Explain briefly various signs and degradation of drug products. [06]
b) Define PMR. Enlist its importance with suitable example. [04]
- Q.3** Explain in detail about the therapeutic incompatibility. [10]
- Q.4** Write a short notes on **ANY TWO** of the following: [10]
- a) Developmental changes in Indian pharmacopoeia
 - b) Pricing of the prescription
 - c) Refilling instructions with suitable examples

SECTION – II

- Q.5** Answer **ANY FIVE** of the following: [10]
- a) Differentiate between mouthwash and gargles.
 - b) Write the direction and patient counseling for collodions and liniments.
 - c) What are the ideal properties of sutures and ligatures?
 - d) Define the following terms : i) Extraction ii) Suspension.
 - e) Write the ratio of oil: water : gum for the preparation of emulsion.
 - f) Define the term tablets. Enlist its advantages over other dosage forms.
- Q.6** a) Write briefly about the physical stability of suspension. [06]
b) Enlist briefly about the patient counseling for transdermal patches. [04]
- Q.7** Define and classify the emulsions. Explain the various factors responsible for cracking of emulsion. [10]
- Q.8** Write short notes on **ANY TWO** of the following: [10]
- a) Differentiate between maceration and percolation
 - b) Ideal properties of suppository bases
 - c) Dry syrups

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