

**F.Y.B.PHARM. SEMESTER-I (2011 COURSE) : WINTER -
2017**

SUBJECT: MODERN DISPENSING PHARMACY

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

Time: **10.00 AM TO 01.00 PM**
Max. Marks: **80**

W-2017-3808

N.B.:

- 1) **Q. No. 1 and Q. NO. 5** are **COMPULSORY**. Attempt any two questions from each section.
- 2) Figures to the right indicate **FULL** marks.
- 3) Answers to both the sections should be written in **SEPARATE** answer book.

SECTION -I

- Q.1** Solve **ANY FIVE** **(10)**
- a) Define PMR. Enlist the importance of PMR.
 - b) Write the ideal features of containers.
 - c) What is isotonicity? Enlist its importance.
 - d) Write the labeling instruction and patient counseling for elixier.
 - e) Define and state the importance of displacement value with example.
 - f) If the adult dose of ampicilline is 250–500mg 3-4 times/day. What will be the dose of child of age of 10 years?
- Q.2**
- a) Define prescription. Explain in detail different parts of prescription. **(08)**
 - b) Write the various medication errors with examples. **(07)**
- Q.3**
- a) Write the different types of containers. Explain briefly the advantages of collapsible container over wide mouth container. **(08)**
 - b) Explain briefly the factors responsible for the calculation of dose. **(07)**
- Q.4** Write note on **ANY THREE** **(15)**
- a) Development changes of Indian pharmacopoeia.
 - b) Chemical incomparability.
 - c) Pictograms.
 - d) Refilling of the prescription.

SECTION -II

- Q.5** Solve **ANY FIVE** **(10)**
- a) Differentiate between mouth wash and gargles.
 - b) Write the labeling instruction and patient counseling for throat paint.
 - c) Define and classify the suspensions.
 - d) Briefly write about the wet gum method.
 - e) Enlist the advantages of granules over powders.
 - f) Write the importance of nasal sprays over the drops.
- Q.6**
- a) Write briefly about the physical stability of suspension. **(08)**
 - b) Enlist the ideal properties of suppository base. **(07)**
- Q.7**
- a) Explain in detail steps involved in moulding method of suppository. **(08)**
 - b) Write in detail about the formulation aspects of ear drops with example. **(07)**
- Q.8** Write note on **ANY THREE** **(15)**
- a) Identification test of emulsion.
 - b) Patient counseling for controlled release dosage form.
 - c) Enemas.
 - d) Unit- operations in compounding of powders.

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