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Total No. of Pages : 02

Total No. of Questions : 10

**B.Pharm (2011 to 2016) (Sem.-2)**  
**PHARMACEUTICS-I**  
**(Dispensing & Community Pharmacy)**  
Subject Code : BPHM-201  
M.Code : 46211

Time : 3 Hrs.

Max. Marks : 80

**INSTRUCTION TO CANDIDATES :**

1. SECTION-A is COMPULSORY consisting of FIFTEEN questions carrying TWO marks each.
2. SECTION-B contains FIVE questions carrying FIVE marks each and students have to attempt any FOUR questions.
3. SECTION-C contains FOUR questions carrying TEN marks each and students have to attempt any THREE questions.

**SECTION-A**

**1. Define :**

- a) Aromatic water
- b) Young's formula
- c) Suspension
- d) Proprietary products
- e) Therapeutic incompatibility
- f) Syrup
- g) Deliquescent powders
- h) Eutectic mixture
- i) Difference between cream and paste
- j) Difference between throat paint and mouth washes



- k) Enlarging and reducing the prescription
- l) Types of drug stores
- m) Suppositories
- n) Liniments
- o) Convert 90% v/v of alcohol into proof strength

#### SECTION-B

- 2. Discuss the parts of the prescription.
- 3. Why additional labels are required at the time of dispensing?
- 4. Differentiate between flocculated and deflocculated suspensions.
- 5. Discuss in detail the role of pharmacist in community health care.
- 6. 40 mg of a drug can be administered to an adult. What will be the dose for a 8 months old infant, child of 5 years of age and a boy of 13 years of age.

#### SECTION-C

- 7. Find the amount of sodium chloride to be included in 100 ml of 0.3% solution of zinc sulphate so that on dilution with an equal quantity of water it will be iso-osmotic with tissue fluids. (10)
- 8.
  - a) Define incompatibility. Discuss chemical incompatibility with examples. (7)
  - b) Discuss the incompatibility of sodium salicylate with alkali bicarbonates and that of soluble salicylates with lemon syrup. (3)
- 9.
  - a) Discuss the legal requirements for establishment and maintenance of drug store. (5)
  - b) Discuss the principle involved in dispensing of solutions. (5)
- 10. Discuss the principle and procedures involved in dispensing of suppositories. (10)

**NOTE : Disclosure of Identity by writing Mobile No. or Making of passing request on any page of Answer Sheet will lead to UMC against the Student.**