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Total No. of Pages : 02

Total No. of Questions : 10

B.Pharmacy (Sem.-2)

**PHARMACEUTICS-I****(Dispensing and Community Pharmacy)**

Subject Code : PHM-121

M.Code : 46112

Time : 3 Hrs.

Max. Marks : 80

**INSTRUCTIONS 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. Answer the following :**

- a) Define liniments.
- b) Discuss jellies.
- c) Define posology.
- d) Define therapeutic incompatibility.
- e) Define triturates.
- f) Explain alcohol dilution and proof spirit.
- g) Differentiate between ointment and paste.
- h) Define Physical incompatibility.
- i) Enlist non-ionic surface active agents.
- j) Write examples of ophthalmic products.



- k) Explain different types of drug store.
- l) Enlist two examples of surface active agents.
- m) Define pastilles.
- n) Enlist one incompatibility related to quaternary ammonium compounds.
- o) Define displacement value.

#### SECTION-B

- 2. What are chemical incompatibilities? Give two examples.
- 3. Explain different formulas for calculation of child dose.
- 4. Define and discuss Creams and their uses in detail.
- 5. Explain the process for preparation of pastes.
- 6. Define and discuss ointments and their uses in detail.

#### SECTION-C

- 7. Write the important instructions related to the handling of prescriptions. Also, enlist sources of errors in prescription.
- 8. Enlist various methods for adjustment of Isotonicity of pharmaceutical products.
- 9. What are Emulsifying agents? Describe various factors and HLB system for classification and selection of emulsifying agents.
- 10. What is community pharmacy? Discuss role of pharmacist in community healthcare and education.

**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.**