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Total No. of Pages : 02

Total No. of Questions : 10

B.Pharma (2012 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. write briefly :**

- a) Name the various sources of error in prescription.
- b) What is proof spirit?
- c) What is displacement value?
- d) Name the bulk powders which are used externally. Write in briefly about dusting powders.
- e) What are mixtures? Classify different types of mixtures.
- f) Differentiate between pastes and jellies.
- g) Give the various reasons which cause phase inversion of emulsion.
- h) What are throat paints? Why is glycerin used as a base in throat paints?
- i) What are ointments? Name different ointment bases which are used for the preparation of ointment.
- j) Define the term suppositories. What are advantages and disadvantages of theobroma oil as suppository base?
- k) Differentiate between eye drops and eye lotion.

- l) What is chemical incompatibility? Explain with examples.
- m) What is community pharmacy?
- n) What is special labeling instruction for liniments?
- o) What is Clark's formula? Why it is used?

SECTION-B

2. a) Calculate the volume of each of 90%, 60%, 30% and water are required to produce 500 ml of 50% alcohol.
b) Find the strength of 95% v/v alcohol in terms of proof spirit.
3. What are creams? Name various types of creams. Discuss in brief, about soap creams and storage of creams.
4. Discuss in brief about the method of preparation of tablet triturates. How are these packed and stored?
5. Define pill. Write the method of preparation of pills.
6. What are capsules? Give its advantages and disadvantages. Write briefly about hard gelatin capsule.

SECTION-C

7. Define incompatibility. What are different types of incompatibilities? Explain in detail with examples.
8. Discuss the role of pharmacist in community healthcare and education.
9. Explain the term 'prescription'. Discuss the procedure which should be followed by a pharmacist while handling the prescription for compounding and dispensing.
10. Define the term 'eye drops'. Describe in brief, the formulation of eye drops. What are the various adjuvants used in the preparation of eye-drops?

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.