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Total No. of Pages : 02

Total No. of Questions : 10

B.Pharma. (2011 to 2016) (Sem.-5)**PHARMACEUTICS-VI****(Pharmaceutical Technology-I)****Subject Code : BPHM-502****M.Code : 70428****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 has 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 briefly :**

- a) Why washing of precipitates during preparation of Aluminium Hydroxide gel B.P. is done with hot water and not boiling water?
- b) Calibration of suppository mould
- c) Required HLB
- d) Differentiate mouth washes and gargles
- e) Irritancy of dermatological vehicle
- f) Displacement value
- g) Dried Human Plasma
- h) Nomenclature of propellants
- i) Limitation of glass container for ophthalmics
- j) Write a note on pigments.



- k) Differentiate deodorants and antiperspirants
- l) Safety profile of cosmetics is governed by which all agencies?
- m) How skin of a male is different from female physiologically?
- n) Emulsion type eye lash
- o) Tonicity

SECTION-B

2. What is the principle behind preparation of Magnesium Hydroxide Mixture B.P. (milk of magnesia)?
3. How ointments are prepared by chemical reaction, illustrate with the help of example?
4. Why glycerol-gelatin base suppositories are used less often than fatty base suppositories?
5. Write a note on metered spray valve.
6. Write a note on Dentrifices.

SECTION-C

7. Classify emulsifying agent and discuss theory of emulsification.
8. Discuss the factors affecting permeability of dermatological product.
9. Discuss different techniques used for filling aerosols.
10. What are nail lacquers? Discuss their characteristics and formulation aspects.

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.