

Roll No.

Total No. of Questions : 10]

[Total No. of Pages : 02

Paper ID [PH352]

(Please fill this Paper ID in OMR Sheet)

B.Pharmacy (Sem. - 5th)

PHARMACEUTICS - V (Pharm. Technology - I) (PH352)

Time : 03 Hours

Maximum Marks

Instruction to Candidates:

- 1) Section - A is **Compulsory**.
- 2) Attempt any **Four** questions from Section - B.
- 3) Attempt any **Three** questions from Section - C.

Section - A

Q1)

(15 × 2 = 30)

Define:

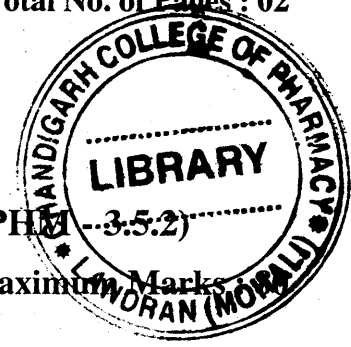
- a) Suppository.
- b) Jellies.
- c) Sampos.
- d) Lotions.
- e) Plastisizers.
- f) Chelating agents.
- g) Decoction.
- h) Lip glosses.

Distinguish between:

- i) Ointment and creams.
- j) Emulsion and creams.
- k) What is the compositions of sugar in syrup and alcohol in Elixirs?
- l) List different types of stabilizers in liquid orals.
- m) Why Glycerine is not heated to high temperature?
- n) What are plasma substitutes?
- o) What is the composition of Iodine in Mandel's paint and in Iodine tincture?

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P.T.O.



Section - B

(4 × 5 = 20)

- Q2)** Enumerate containers used in the packaging of aerosols.
- Q3)** Explain manufacture and evaluation of creams.
- Q4)** Highlight formulation & preparation of lipsticks.
- Q5)** How displacement value of Drug in suppositories be estimated?
- Q6)** Discuss evaluation of Suspensions and Emulsions.

Section - C

(3 × 10 = 30)

- Q7)** Explain preparation and manufacture of
- (a) Emulsions
 - (b) Nail polish
- Q8)** (a) Explain mechanisms of drug penetration through skin.
- (b) Highlight the ingredients of clear gels.
- Q9)** (a) Explain collection and processing of whole human blood.
- (b) Enumerate formulation and preparation of eye ointments.
- Q10)** Write note on any two:
- (a) Eye liners.
 - (b) Manicure preparations.
 - (c) Face packs.

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