

Printed Pages : 2

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PHARM352

(Following Paper ID and Roll No. to be filled in your Answer Book)

PAPER ID : 150512

Roll No.

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B.Pharma. (Semester-V)

SPL. THEORY EXAMINATION, 2014-15

PHARMACEUTICS-V

(PHARMACEUTICAL TECHNOLOGY-I)

Time : 3 Hours]

[Total Marks : 80

Note: Attempt all questions. All questions carry equal marks.

1. Write brief notes on any FOUR:
 - (a) Need for preformulation studies
 - (b) Physical form of a Drug
 - (c) Dielectric constant
 - (d) Solubility and its importance
 - (e) Solid state stability
2. Discuss any TWO:
 - (a) Additives used in formulation of clear liquids
 - (b) Evaluation of emulsions

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(1)

[Contd...

- (c) Flocculation in structured vehicles
3. Write on any TWO:
- (a) Factors influencing penetration of a drug through skin
 - (b) Formulation and evaluation of clear gels
 - (c) Storage and packaging of sem-solids
4. Answer any TWO:
- (a) What are the requirements of an ideal suppository base?
 - (b) Discuss the manufacture and packaging of aerosols.
 - (c) What are the applications of aerosols in pharmacy?
5. Write notes on any FOUR:
- (a) Structure of skin
 - (b) Cleansing cream
 - (c) Shampoo
 - (d) Face powder
 - (e) Nail polish

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