

2063

B.A./B.Sc.(General)-6th Semester**Industrial Chemistry****Paper-B: Pharmaceuticals**

Time allowed: 3 Hours

Max. Marks: 75

NOTE: Attempt five questions in all, including Question No. 1 which is compulsory and selecting one question from each Unit.

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I. Write notes on: -

- (a) Flavouring agents
- (b) Sorbitol
- (c) Glidants
- (d) Antioxidants
- (e) Coating agent Binders

(5×3)

UNIT – I

II. Discuss in detail the various types of formulations and routes of administration.

(15)

III. Discuss in detail: -

- (a) Lubricants
- (b) Preservatives
- (c) Sorbitol

(3×5)

UNIT – II

IV. Discuss in detail quality control of packaging materials, FDA and legal aspects of drugs.

(15)

V. Write detailed notes on: -

- (a) Surgical sutures
- (b) Surgical dressings
- (c) Ancillary material

(3×5)

UNIT – III

VI. Discuss various isolation procedures for active ingredients of Sapogenin. (15)

VII. Discuss in details of raw materials, process of manufacture and effluent handling for following bulk drugs:

- (a) Salicylic acid
- (b) Furazolidine

(15)

P.T.O.

(2)

UNIT-IV

VIII. Give details of raw materials, process of manufacture and effluent handling of any three of the bulk drugs:

- (a) Pentobarbital
- (b) Progesterone
- (c) Methyl dope
- (d) Testosterone

(3×5)

IX. Give details of biotransformation processes for prednisolone and 11-hydroxylation in steroids.

(15)

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