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Roll No.

2132

2nd Year

Subject : Pharmaceutical Chemistry - I

Time : 3 Hrs.

M.M. : 80

Note: Solve any Five Questions.

Q.1 Define antiseptics and disinfectants. Write an account of phenol related substances and cationic surface active agents as antiseptics and disinfectants. 16

Q.2 Write short notes on any four :- (4x4=16)

- (a) Tetracycline.
- (b) Thyroxine.
- (c) Antifungal Agents.
- (d) Insulin.
- (e) Procaine.
- (f) Quinidine.

Q.3 Draw the structure of the following Compounds: (8x2=16)

- (i) Indole
- (ii) Barbituric acid.

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(iii) Piperazine.

(iv) Paracetamol.

(v) Phenylbutazone.

(vi) Xanthine.

(vii) Diazepam

(viii) Chloroquine.

Q.4 (a) What are Analgesics and Antipyretics. Give its classification. 8

(b) Give detailed account of Glucocorticoids as steroid drugs.

Q.5 What are antihistamines. How do they antagonize the action of histamines. 16

Q.6 Give a detailed view of local anesthetics. Explain in detail the different types of local anaesthetics. 16

Q.7 Write notes on : (4x4=16)

- (i) Coagulants (iii) Anthelmintics
- (ii) Tranquilizer (iv) Antidepressant Drugs

Q.8 (a) Define & Classify diuretics. Explain loop diuretics. 8

(b) Explain adrenergic antagonists. 8

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