

DIPLOMA IN PHARMACY (FINAL YEAR)
(NEW)

PHARMACEUTICAL CHEMISTRY – II
(202)

Time Three Hours

Maximum Marks : 80

- Note** (i) **Attempt any five questions.**
(ii) **All questions carry equal marks.**

1. **What are non-steroidal Antiinflammatory agents? Give properties, chemical structure, storage condition and specific uses of Indomethacin and Ibuprofen.** 16
2. **Define Diuretics. How are they classified? Describe properties, chemical structure, uses and storage condition of any two important drugs.** 16
3. **Write Pharmaceutical formulations and popular brand names of the following : 2 each**
 - (i) Co-trimoxazole
 - (ii) Diazepam
 - (iii) Cefrimide
 - (iv) Aspirin
 - (v) Prochlorperazine
 - (vi) Nandrolone
 - (vii) Ethambutol
 - (viii) Propranolol

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4. Write properties, chemical structure, formulation and storage condition of the following : 4 each

- (a) Busulphan
- (b) Cortisone
- (c) Alphamethyl dopa
- (d) Adrenaline

5. Write chemical structure and chemical name of the following : 2 each

- (i) Penicillin G
- (ii) Phenobarbitone
- (iii) Neostigmine
- (iv) Diphenhydramine
- (v) Pyrimethamine
- (vi) Chlorpromazine
- (vii) DEC
- (viii) Pyrazinamide

6. Define the following classes and write the example of any two drugs from each class :

2 each

- (i) Sulphonamides
- (ii) Antileptics
- (iii) Antiamoebics
- (iv) Antineoplastics
- (v) Antimicrobials

(vi) General Anaesthetics

(vii) Sympatholytics

(viii) Anthelmintics

7. Write short notes on any two of the following :

8 each

(a) Local Anaesthetics

(b) Analeptics

(c) Antifungal Agents

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