

B.Pharm. Semester—V (C.B.S.) Examination
CLINICAL PHARMACY
Paper—5 (5T5)

Time : Three Hours]

[Maximum Marks : 80

- N.B. :—** (1) Question No. 1 is compulsory.
(2) Attempt any **FOUR** questions out of the remaining.
(3) Draw neat labelled diagram wherever necessary.
(4) Discuss the reaction, mechanism wherever necessary.

1. Solve any **FIVE** :—
- (a) Define and give scope of clinical pharmacy.
 - (b) Classify poisons with suitable examples.
 - (c) Give types and significance of diagnostic tests.
 - (d) Define adverse drug reaction (ADR). Give factors affecting ADR.
 - (e) Write significance and interference of diagnostic tests for kidney function.
 - (f) Write about requirements for establishing the Drug Information Centre.
 - (g) Give types of diabetes and give its diagnostic tests. 5×4=20
2. (a) Write in detail about mechanism of Pharmacokinetic drug interactions. 10
(b) Write a role of pharmacist in minimising drug interactions. 5
3. (a) Discuss types of pharmacoeconomics evaluation techniques. 10
(b) Define pharmacoeconomics and give its significance. 5
4. (a) Discuss classes of adverse drug reaction in detail. 10
(b) Give methods for ADR detection. 5

5. (a) Explain about drug induced liver disorders, symptoms and treatment. 10
(b) Discuss drug induced diarrhoea. 5
6. (a) Give details of sign, symptoms and treatment of acute and chronic Arsenic toxicity. 10
(b) Explain in short general treatment of Poisoning. 5
7. Write short notes on (Any **THREE**) :—
- (a) Computer applications in Pharmacy
(b) Therapeutic drug monitoring
(c) Diagnostic test for cancer
(d) Role of pharmacist in long term patient care
(e) Pharmacoeconomics and drug development. 3×5=15