

NTK/KW/15/6997

Faculty of Pharmacy

B.Pharm. Fifth Semester (C.B.S.) Examination

CLINICAL PHARMACY

Paper—V (5-T-5)

Time—Three Hours]

[Full Marks—80

N.B. :— (1) Question No. 1 is compulsory.

(2) Solve any **FOUR** questions from the remaining.

(3) Draw neat labeled diagram wherever necessary.

1. Solve any **five** of following : 5×4=20

(a) Write objective and scope of clinical pharmacy.

(b) Define pharmacoeconomics and give its significance.

(c) Write note on justificational patient care and role of pharmacist in long term care.

(d) Write significance and interference of diagnostic test for Liver Function.

(e) Write note on general treatment of poisoning.

(f) Give example of Food drug interaction along with consequences.

(g) Write note on teratogenicity.

2. Explain Acute, Subacute and Chronic toxicity. Write sign, symptoms and treatment of heavy metal poisoning.

15

3. Explain types and factors affecting drug interaction. Give detailed account of pharmacodynamic mechanism of drug interaction.

15

4. Explain in detail about drug induced cardiovascular diseases.

15

5. (a) Write significance and interference of diagnostics test for Diabetes mellitus and Renal Functions.

10

(b) Write sign, symptoms and treatment of alcohol poisoning.

5

6. (a) Write in detail about objective, application and methodology for monitoring patient during illness.

10

(b) Write note on role of pharmacist in minimizing drug interaction.

5

7. Write short notes on (any **two**) :

15

(a) Drug induced Hepatotoxicity

(b) Drug development and pharmacoeconomics

(c) Adverse drug reaction monitoring

(d) Computer application in clinical pharmacy services.