

TKN/KS/16-6997
Fifth Semester Examination for the Degree
of Bachelor of Pharmacy
CLINICAL PHARMACY

5-T-5

Time : Three Hours]

[Max. Marks : 80

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

(2) Solve any four questions from the remaining.

(3) Draw neat labelled diagram wherever necessary.

1. Solve any five of the following :—

- (a) Define clinical pharmacy. Give objectives and goals of clinical pharmacy.
- (b) Write significance and interference of diagnostic tests for renal functions.
- (c) Define poison. Give types and classification of poison.
- (d) Write in short about ambulatory patient care.
- (e) Write role of pharmacist in minimizing drug interaction.
- (f) Write note on drug and drug poison centre.
- (g) Write diagnostic tests for liver functions.

5 × 4 = 20

2. Define drug interaction. Give its types. Write in detail about mechanism of pharmacokinetic drug interaction.

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Contd.

3. (a) Define adverse drug reaction (ADR). Write in detail about factor causing ADR, detection and reporting of ADR. 10
- (b) Enlist five examples of food drug interaction along with its consequences. 5

4. (a) Explain in detail about therapeutic drug monitoring. 10

- (b) Write note on acute, subacute and chronic toxicity. 5

5. Give detail account of sign, symptoms and treatment of Acute and chronic poisoning due to alcohol and heavy metals. 15

6. Explain in detail about drug induced liver toxicity and Nephrotoxicity along with examples. 15

7. Write short notes on (any two) :—

- (a) Pharmaco economics.
- (b) Insecticides poisoning.
- (c) Computer application in clinical pharmacy services.
- (d) Drug induced cardiovascular diseases. 15

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