



**NKT/KS/17/6568**

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

**CLINICAL PHARMACY**

**Paper-5**

Time : Three Hours]

[Maximum Marks : 80

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

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

(3) Draw neat labelled diagram wherever necessary.

(4) Discuss the reaction, mechanism wherever necessary.

1. (a) Give the treatment of heavy metal poisoning.  
(b) Give the drug interaction : MAO inhibitor —Tyramine and Biscicodyl—Antacid.  
(c) Write a note on oximes.  
(d) Give the formulas to assess renal function and adjust medication dosage.  
(e) What are the methods of detection of ADR ?  
(f) What are the need and criteria for valid TDM ?  
(g) Explain about renal function test. 5×4=20
2. What are different mechanisms used by agents of recognized potential for interactions in patients receiving multiple drug therapy ? 15
3. (a) What are the analytical aspects of therapeutic drug monitoring ? 10  
(b) Write a note on liver function test. 5
4. (a) What are the various ways in which adverse drug reaction manifest themselves ? 10  
(b) What are the essential aspects followed by pharmacist during ambulatory patient care ? 5





5. Elaborate—pharmacoeconomics is an innovative method that aims to decrease health expenditure whilst optimizing health care results. 15
6. (a) Explain in detail about mechanisms of drug induced nephropathy. 6
- (b) Write a detailed note on acute oral toxicity study. 5
- (c) Give the general treatment of poisoning. 4
7. Write notes on (any **three**) :
- (a) Snake bite poisoning and treatment
- (b) Diagnostic test for cancer
- (c) Drug induced liver toxicity
- (d) Role of pharmacist in clinical pharmacy practices
- (e) Untoward effects of cardiovascular drugs.  $5 \times 3 = 15$

