

Code No: 6208AB

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

M. Pharmacy I Semester Examinations, August-2017

ADVANCED CLINICAL PHARMACY

(Hospital and Clinical Pharmacy)

Time: 3 hours

Max. Marks: 75

Note: This question paper contains two parts A and B.  
Part A is compulsory which carries 25 marks. Answer all questions in Part A.  
Part B consists of 5 Units. Answer any one full question from each unit. Each question carries 10 marks and may have a, b, c as sub questions.

## PART - A

5 × 5 Marks = 25

- 1.a) Describe history of clinical pharmacy in India. (5)
- b) Explain different types of ward rounds. (5)
- c) Explain pulmonary function tests. (5)
- d) How to formulate clinical questions for evidence based medicine? Explain. (5)
- e) Discuss predisposing factors for adverse drug reactions. (5)

## PART - B

5 × 10 Marks = 50

2. What is therapeutic drug monitoring? Describe the indications where therapeutic drug monitoring is extremely important. (10)
- OR
3. Define drug utilization review. Describe types of drug utilization review in detail. (10)
4. Explain the functions of poison information center. (10)
- OR
5. Describe role of pharmacists in quality assurance of clinical pharmacy services. (10)
6. Enlist hematological tests. Describe prothrombin time and partial thromboplastin time in detail. (10)
- OR
7. Describe common tests in urine analysis. (10)
8. Discuss general principles of poisoning. Explain management of barbiturate poisoning. (10)
- OR
9. Give a detailed account of approaches in answering drug information queries. (10)
10. What are the reasons for patient non-compliance? Give the methods of assessment of patient non-compliance. (10)
- OR
11. Describe national pharmacovigilance program of CDSCO. (10)