

Code No: 6205AA

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

M. Pharmacy I Semester Examinations, August-2017

PATHOPHYSIOLOGY AND APPLIED PHARMACOTHERAPEUTICS-I

(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) Write the diagnostic tests for angina pectoris. [5]
- b) Explain the pathophysiology of Asthma. [5]
- c) Why dosing adjustment is required in renal failure. [5]
- d) Elaborate the clinical features of Rheumatoid arthritis. [5]
- e) Briefly describe the complications of diabetes mellitus. [5]

PART - B**5 × 10 Marks = 50**

2. Discuss the therapeutic management of hypertension. [10]
- OR
3. Discuss the clinical management of Myocardial infarction. [10]
- 4.a) Write the etiology, pathophysiology and symptoms of Chronic Obstructive Airways Disease [10]
- b) Explain pulmonary function tests. [10]
- OR
5. Write notes on hydrogen ion homeostasis and blood gases. [10]
6. Write the management of Chronic renal failure. [10]
- OR
7. Discuss the pathophysiology and treatment of drug induced hematological diseases. [10]
8. Write the pathophysiology, symptoms and treatment of ulcerative colitis. [10]
- OR
9. Discuss the pathophysiology, symptoms and treatment of osteoarthritis. [10]
- 10.a) Explain various drug induced skin disorders with suitable examples [10]
- b) Write the treatment of osteoporosis. [10]
- OR
11. Discuss the management of diabetes mellitus with the help of algorithm. [10]