Enrolment No.

GUJARAT TECHNOLOGICAL UNIVERSITY B. Pharm. – SEMESTER – VI • EXAMINATION – WINTER 2013

Subject Code: 260005 Date: 06-12-2013 **Subject Name: Clinical Pharmacy-I** Time: 02.30 pm To 05.30 pm **Total Marks: 80 Instructions:** 1. Attempt any five questions. 2. Make suitable assumptions wherever necessary. 3. Figures to the right indicate full marks. Describe signs and symptoms of heart failure and pathophysiological mechanism **Q.1** 06 (a) responsible for it. (b) What is essential drug? Give the criteria for the choice of essential drugs. 05 Define hyperlipidemia. Explain Pathophysiology of atherosclerosis. (c) 05 Q.2 Write etiology of cardiac arrhythmia. Classify anti-arrhythmatic agents and 06 (a) justify their use in the treatment of various arrhythmias. Discuss the factors affecting drug administration in pediatric patients by oral (b) 05 route giving suitable examples. Write various biochemical tests to detect liver and kidney disorders. (c) 05 Q.3 Classify various types of hypertension and explain the etiology and **06** (a) pathophysiology of hypertension in detail. Describe treatment of barbiturates poisoning. (b) 05 How will you differentiate between the following based on laboratory testing? 05 (c) a) Alcoholic hepatitis and Viral hepatitis b) Vitamin B12 deficiency anemia and iron deficiency anemia **Q.4** (a) Write short note on Therapeutic drug monitoring. 06 Describe in detail Pharmacokinetic consideration in dosage fixation in geriatric (b) 05 population. Explain treatment of diabetes mellitus and preeclampsia in pregnant women. 05 (c) Q.5 Describe pathophysiology of Parkinsonism. Write about its prognosis. (a) **06** Describe role of clinical pharmacist as a member of health care team. (b) 05 Explain clinical features of Chronic renal failure (c) 05 Q.6 Describe in detail the positive and negative symptoms of Schizophrenia. Write 06 (a) therapeutic interventions used to overcome extrapyramidal side effects associated with the use of anti-psychotic agents. Define patient non-compliance and explain various consequences of non-(b) 05 compliance. Describe communication methods needed by pharmacists in clinical situations. 05 (c) Describe the treatment of grand mal epilepsy in detail 06 Q.7 (a) Write a short note on Self medication. (b) 05 Write Pathophysiology and treatment of Migraine. 05 (c)
