

Seat No.: _____

Enrolment No. _____

GUJARAT TECHNOLOGICAL UNIVERSITY

B.Pharm Sem-VI Examination May 2011

Subject code:260005

Subject Name: Clinical Pharmacy-I

Date:23/05/2011

Time: 10.30 am – 01.30 pm

Total Marks: 80

Instructions:

1. Attempt any five questions.
2. Make suitable assumptions wherever necessary.
3. Figures to the right indicate full marks.

- Q.1** (a) Describe clinical presentation, diagnosis and pharmacotherapy of Angina pectoris. **06**
- (b) What is Atrioventricular nodal reentry? Give non-Pharmacological treatment for the same. **05**
- (c) What are methods to detect medication non-compliance? Describe role of Pharmacist to improve Patient compliance. **05**
- Q.2** (a) Describe the clinical manifestations and algorithm for the treatment of hypertension. **06**
- (b) Discuss briefly the principles and goals of Geriatric drug therapy. **05**
- (c) Describe various laboratory tests performed to determine renal function. **05**
- Q.3** (a) Discuss the clinical features, diagnosis and management of Parkinsonism. **06**
- (b) Discuss pharmacokinetic variations in pediatric population as compared to adults. **05**
- (c) Write a note on barbiturate poisoning. **05**
- Q.4** (a) What are the objectives of therapeutic drug monitoring and explain in detail the conditions when TDM should be performed. **06**
- (b) Describe various positive and negative symptoms of Schizophrenia, along with the drug used for its treatment. **05**
- (c) Explain the pathophysiology and diagnosis of Dyslipidemia. **05**
- Q.5** (a) Explain the management of the following conditions associated with chronic kidney disease **06**
- Uremia
 - Anaemia
 - Osteodystrophy
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- (b) What is Self-medication? Describe the hazards of self-medication. **05**
- (c) Define Rational drug therapy. Write down reasons for irrational prescribing and the modes of promoting rational use of drugs. **05**

- Q. 6 (a)** What are the precaution and treatment for the following conditions in pregnant woman : Heart burn, Coagulation disorder, Gestational diabetes **06**
- (b)** Give the normal values and clinical significance of the following parameters **05**
- a) Serum Glutamate Oxaloacetate Transaminase
 - b) Serum glucose
 - c)
- (c)** Describe the role of clinical pharmacist as a health care team member. **05**
- Q.7 (a)** Identify various communication methods needed by pharmacists in clinical situations. Explain them in detail **06**
- (b)** Define essential drugs. Give criteria for choice of essential drug. **05**
- (c)** What is anemia? Write briefly the management of iron deficiency Anemia. **05**
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