

Seat No.: _____

Enrolment No. _____

GUJARAT TECHNOLOGICAL UNIVERSITY
B.Ph SEM-VI Examination-Nov/Dec.-2011

Subject code: 260005

Date: 30/11/2011

Subject Name: Clinical Pharmacy - I

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) What are essential drugs? Explain reasons for irrational use of drugs. **06**
(b) Discuss the role of pharmacist in patient counseling. **05**
(c) What are teratogens? Explain with examples. **05**
- Q.2** (a) Describe the symptoms and management of organophosphorous poisoning. **06**
(b) Discuss the scope of clinical pharmacy. **05**
(c) Write the stages of chronic kidney disease. Discuss the pharmacological management of hyperkalemia and hypocalcemia. **05**
- Q.3** (a) Discuss the pathophysiology and pharmacological management of Parkinsonism. **06**
(b) Define cardiac arrhythmia. Explain the mechanism of re-entry and Torsades de Pointes. **05**
(c) Discuss skills in communication required by a practicing pharmacist. **05**
- Q.4** (a) Describe any two laboratory tests each for liver and renal disorders. **06**
(b) Describe the pathophysiological changes in CHF. **05**
(c) Write the significance of any five hematological parameters. **05**
- Q.5** (a) Classify types of hypertension. Describe the management of hypertension. **06**
(b) What are the issues to be included in recording medication history. **05**
(c) Discuss the therapeutic options in management of Alzheimer's disease. **05**
- Q. 6** (a) Discuss pharmacokinetic changes in pediatric patients and drug selection in them. **06**
(b) Describe the signs and symptoms and management of iron deficiency anemia. **05**
(c) Classify epilepsy and mention the drug of choice for various types. **05**
- Q.7** (a) Write notes on therapeutic drug monitoring. **06**
(b) Discuss phases of migraine and explain the management using pharmacological agents. **05**
(c) Write notes on pre, intrinsic and post renal factors observed in acute renal failure. **05**
