

Seat No.: _____

Enrolment No. _____

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

Subject Code: 260005

Date: 31-05-2013

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.**

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|-------------|--|-----------|
| Q.1 | (a) Describe briefly altered parameters affecting pharmacokinetics of drugs in pediatric populations | 06 |
| | (b) Write pharmacotherapy for Migraine. | 05 |
| | (c) Explain pathophysiology of dyslipidemia. | 05 |
| Q.2 | (a) Describe various risk factors of thrombosis. Write in detail pharmacotherapy of thrombosis. | 06 |
| | (b) Write significance of any five hematological parameters. | 05 |
| | (c) Enumerate drugs used in treatment of heart failure. Write about the potential problems associated with diuretic therapy. | 05 |
| Q.3 | (a) What are the objectives of therapeutic drug monitoring and explain in detail the conditions when TDM should be performed | 06 |
| | (b) Discuss pharmacotherapy for the management of Parkinson's disease. | 05 |
| | (c) Enlist various types of Anemia and write a note on iron deficiency anemia. | 05 |
| Q.4 | (a) Define essential drugs. What are the advantages of essential drug list? Give criteria for choice of essential drug. | 06 |
| | (b) Describe the treatment of grand mal epilepsy in detail. | 05 |
| | (c) Describe the pathophysiology and diagnosis of angina. | 05 |
| Q.5 | (a) Describe various laboratory tests performed to determine liver function. | 06 |
| | (b) Briefly describe the role of clinical pharmacists in health care team. | 05 |
| | (c) Write about the chelating agents used in management of heavy metal poisoning. | 05 |
| Q. 6 | (a) Write symptoms and management of schizophrenia. | 06 |
| | (b) Explain various types of arrhythmias and write causes and mechanism of the same. | 05 |
| | (c) Enumerate the drugs, which can be used to treat hypertension in pregnant women giving suitable justification for their use. | 05 |
| Q.7 | (a) Write short note on the followings (Any Three)
a) Self medication
b) Patient compliance
c) Patient counseling
d) Rational drug usage | 12 |
| | (b) What are key components of recording of medication history of the patients? | 04 |
