

Seat No.: _____

Enrolment No. _____

GUJARAT TECHNOLOGICAL UNIVERSITY
B. Pharm. – SEMESTER – VI • EXAMINATION – SUMMER • 2014

Subject Code: 260005

Date: 30-05-2014

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) Explain pathophysiology of Hypertension and discuss its complications. | 06 |
| | (b) Define Epilepsy. Discuss pathophysiology and management of Epilepsy. | 05 |
| | (c) Define Clinical Pharmacy and discuss the role of a clinical pharmacist as a member of health care team. | 05 |
| Q.2 | (a) Discuss the pathophysiology of Angina Pectoris and explain the management of Chronic Stable Angina. | 06 |
| | (b) Discuss the basic principles and goals of Geriatric drug therapy. | 05 |
| | (c) Define patient counseling and explain the process of counseling. | 05 |
| Q.3 | (a) Discuss the etiology and pathophysiology of Parkinsonism. What complications develop due to prolonged use of Levodopa? | 06 |
| | (b) Discuss the general principles of treatment of poisoning. | 05 |
| | (c) Write a short note on – Renal Function Tests. | 05 |
| Q.4 | (a) Explain the pathophysiology of chronic renal failure and discuss its treatment. | 06 |
| | (b) Write a short note on- Concept of Essential Drugs. | 05 |
| | (c) Discuss laboratory tests for diagnosis of Cardiovascular diseases. | 05 |
| Q.5 | (a) Write briefly about etiology, clinical manifestations and therapy of Anemia. | 06 |
| | (b) Define Therapeutic Drug Monitoring (TDM). Give its objectives and clinical applications. | 05 |
| | (c) Write a short note on- Self Medication. | 05 |
| Q.6 | (a) Discuss factors affecting drug administration in paediatric patients by oral route giving suitable examples. | 06 |
| | (b) Explain different aspects of non-pharmacological therapy of Hyperlipidemia and justify use of Statins in Hyperlipidemia. | 05 |
| | (c) Discuss the management of following conditions during pregnancy- Anemia and Pregnancy Induced Hypertension (PIH). | 05 |
| Q.7 | (a) Define Thrombosis and give its etiology and clinical features. | 06 |
| | (b) Define Schizophrenia. Write negative symptoms and give its prognosis. | 05 |
| | (c) Discuss clinical signs and symptoms and treatment of Organophosphorous compound poisoning. | 05 |
