

**GUJARAT TECHNOLOGICAL UNIVERSITY****B.Pharm-SEMESTER-VI- (OLD SYLLABUS) EXAMINATION – SUMMER-2015****Subject Code: 260005****Date: 12/05/2015****Subject Name: Clinical Pharmacy-I****Time: 10:30 a.m. to 1:30 p.m.****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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|------------|--|-----------|
| <b>Q.1</b> | (a) Explain pharmacokinetic factors affecting drug disposition in paediatric patients.   | <b>06</b> |
|            | (b) Dwell upon role of pharmacist as a member of health care team.                       | <b>05</b> |
|            | (c) Write a note on patient counseling.  | <b>05</b> |
| <b>Q.2</b> | (a) Enlist haematological data. Write importance of measurement of platelets count.      | <b>06</b> |
|            | (b) Discuss etiology, diagnosis and complications of dyslipidemia.                       | <b>05</b> |
|            | (c) Discuss risk factors and symptoms of schizophrenia.                                  | <b>05</b> |
| <b>Q.3</b> | (a) Write symptoms, etiology and complications of hypertension.                          | <b>06</b> |
|            | (b) Enlist various diagnostic enzymes. Write in detail on lactate dehydrogenase enzymes. | <b>05</b> |
|            | (c) Write a note on self-medication.   | <b>05</b> |
| <b>Q.4</b> | (a) Write clinical signs, symptoms and treatment of chronic renal failure.               | <b>06</b> |
|            | (b) Discuss pathophysiology of atrial fibrillation.                                      | <b>05</b> |
|            | (c) Discuss pathophysiology and clinical manifestations of Parkinson's disease.          | <b>05</b> |
| <b>Q.5</b> | (a) Discuss pathophysiology of congestive cardiac failure.                               | <b>06</b> |
|            | (b) Write on organophosphorus poisoning and its treatment.                               | <b>05</b> |
|            | (c) Give an account of different types of anaemia and their causes.                      | <b>05</b> |
| <b>Q.6</b> | (a) Explain concept of essential drugs and rational use of drugs.                        | <b>06</b> |
|            | (b) Discuss etiology and management of pain.   | <b>05</b> |
|            | (c) Write applications of therapeutic drug monitoring.                                   | <b>05</b> |
| <b>Q.7</b> | (a) Write types and management of epilepsy.  | <b>06</b> |
|            | (b) Discuss liver function tests and their importance.                                   | <b>05</b> |
|            | (c) Explain characteristics and etiology of different types of AV block.                 | <b>05</b> |

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