

GUJARAT TECHNOLOGICAL UNIVERSITY
B.Pharm. - SEMESTER-6 • EXAMINATION – WINTER -2023

Subject Code:260005**Date: 14/12/2023****Subject Name: Clinical Pharmacy-I****Time: 02:30pm to 05:30pm****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) | Write in brief about role of clinical pharmacist. | 06 |
| | (b) | Write symptoms and treatment of organophosphorus poisoning. | 05 |
| | (c) | Define self medication. Write in detail about risk of self medication and role of clinical pharmacist in self medication. | 05 |
| Q.2 | (a) | What is hypertension? Classify it and Explain etiology,pathophysiology and treatment. | 06 |
| | (b) | Describe in detail about various hematological test. | 05 |
| | (c) | Describe pathophysiology and pharmacotherapy of congestive heart failure. | 05 |
| Q.3 | (a) | Write pathophysiology of parkinsonism and justify the statement levodopa and carbidopa used in combination. | 06 |
| | (b) | Describe various pharmacological factors effecting on drug treatment during pregnancy. | 05 |
| | (c) | Write a short note on Therapeutic Drug Monitoring. | 05 |
| Q.4 | (a) | Write symptoms,pathophysiology and treatment of alzheimer disease. | 06 |
| | (b) | Write brief in opioid receptor and explain mechanism of opioid receptor. | 05 |
| | (c) | Enlist various types of anemia and explain megaloblastic anemia. | 05 |
| Q.5 | (a) | What is dyslipidemia? Write short note on HMG-CoA reductase inhibitors. | 06 |
| | (b) | What is rational drug use? Why does need of rational use of drug concept? Explain steps for rational use of drugs. | 05 |
| | (c) | Define patient counseling. Describe methods of patient counseling. | 05 |
| Q. 6 | (a) | Write etiology of cardiac arrhythmis? Classify the anti arrhythmic drugs and describe class-I antiarrhythmic drugs. | 06 |
| | (b) | Describe pathophysiology and treatment of schizophrenia. | 05 |
| | (c) | Explain clinical features of acute renal failure. | 05 |
| Q.7 | (a) | Write in brief about clinical manifestation, diagnosis and treatment of depression. | 06 |
| | (b) | Define poison. Write note on atropine poisoning. | 05 |
| | (c) | Write in detail about symptoms, pathophysiology and therapeutical management of migraine. | 05 |
