

Seat No.: _____

Enrolment No. _____

GUJARAT TECHNOLOGICAL UNIVERSITY
Pharm D –Year-2 • EXAMINATION – WINTER - 2021

Subject Code: 828806

Date: 23/02/2022

Subject Name: Pharmacotherapeutics-I

Time: 02:30 PM to 05:30 PM

Total Marks: 70

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 a note on pathophysiology and treatment of Hypertension. | 06 |
| | (b) Write a note on pathophysiology and management of congestive heart failure. | 04 |
| | (c) Explain about drug induced Bronchospasm. | 04 |
| Q.2 | (a) Describe clinical presentation, diagnosis and pharmacotherapy of angina pectoris. | 06 |
| | (b) Explain about various Hormonal contraceptives. | 04 |
| | (c) Explain the lipid transport and lipoprotein metabolism in dyslipidaemia. | 04 |
| Q.3 | (a) Describe various types of arrhythmia with their management. | 06 |
| | (b) Describe sign and symptoms and treatment of thyroid disorders. | 04 |
| | (c) Write role of pharmacist in Essential drug concept. | 04 |
| Q.4 | (a) Define Conjunctivitis. Write clinical presentation and Pharmacotherapy of bacterial conjunctivitis. | 06 |
| | (b) Write clinical presentation and pharmacotherapy of Osteoporosis | 04 |
| | (c) Explain about pulmonary function test. | 04 |
| Q.5 | (a) Explain pharmacokinetic considerations in dose adjustment required in pediatric patients. | 06 |
| | (b) Write about Hormone replacement therapy. | 04 |
| | (c) Explain forms of congestive heart failure. | 04 |
| Q. 6 | (a) Write pathophysiology, risk factors and management of diabetes mellitus. | 06 |
| | (b) Write pathophysiology, risk factor and diagnosis of Asthma. | 04 |
| | (c) Write about diagnosis, management and treatment of open-angle glaucoma. | 04 |
| Q.7 | (a) Write the difference between COPD and Asthma. Explain management of COPD based on GOLD guideline. | 06 |
| | (b) Explain in brief the rationale use of drug. | 04 |
| | (c) Discuss about pharmacokinetic changes in drug therapy in elderly patients | 04 |
