

Seat No.: _____

Enrolment No. _____

GUJARAT TECHNOLOGICAL UNIVERSITY
Pharm D – 2nd Year • EXAMINATION – WINTER - 2022

Subject Code: 828806

Date: 01/02/2023

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) Discuss pathogenesis and treatment of Myocardial Infarction. | 06 |
| | (b) Write down the complications of hyperlipidemia. | 04 |
| | (c) Explain role of pharmacist in essential drug concept. | 04 |
| Q.2 | (a) Write the management of thyroid disorders. | 06 |
| | (b) Management of osteoporosis. | 04 |
| | (c) What are the factors to be considered while prescribing for geriatric patients? | 04 |
| Q.3 | (a) Write the definition and Write the algorithm for management of Hypertension. | 06 |
| | (b) Write a note on Rational use of drug. | 04 |
| | (c) Discuss the pathogenesis and treatment of Closed angle Glaucoma. | 04 |
| Q.4 | (a) Write the etiology, clinical manifestation, pathophysiology of angina. | 06 |
| | (b) Write the difference between Asthma and Chronic obstructive pulmonary disease. | 04 |
| | (c) Discuss briefly about the drug induced pulmonary disorder. | 04 |
| Q.5 | (a) Write the pathophysiology of Type one and two diabetes mellitus. | 06 |
| | (b) Explain about hormonal replacement therapy and its disadvantages. | 04 |
| | (c) Significance of pulmonary function test. | 04 |
| Q.6 | (a) Define Congestive heart failure and explain its pathophysiology. | 06 |
| | (b) Explain about various types of Arrhythmias. | 04 |
| | (c) How is pediatric dose calculated? | 04 |
| Q.7 | (a) General prescribing guide lines for breast feeding mothers. | 06 |
| | (b) Etiopathogenesis and pharmacotherapy of conjunctivitis. | 04 |
| | (c) Write a short note on electrophysiology of heart. | 04 |
