

Seat No.: _____

Enrolment No. _____

GUJARAT TECHNOLOGICAL UNIVERSITY
PHARM.D – YEAR -2- EXAMINATION –WINTER - 2018

Subject Code:828806

Date: 03/12/2018

Subject Name: Pharmacotherapeutics-I

Time:02.30 P.M. TO 5.30 P.M.

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) | Classify types of Diabetes. Explain the pharmacology of Sulfonyl ureas. | 06 |
| | (b) | Define Angina Pectoris. Discuss Pharmacological effects of the Nitrates. | 04 |
| | (c) | Describe the various components of ECG in detail. | 04 |
| Q.2 | (a) | Classify Antihypertensive. Explain the role of Diuretic in hypertension treatment. | 06 |
| | (b) | Write a note on Rational use of drug. | 04 |
| | (c) | Describe the effects of absorption and metabolism in pediatric dose calculation. | 04 |
| Q.3 | (a) | Describe the pathogenesis of Asthma and justify the use of Salbutamol. | 06 |
| | (b) | Explain the pathogenesis of Conjunctivitis. | 04 |
| | (c) | What are the Essential drugs? Enlist the inclusion and exclusion criteria. | 04 |
| Q.4 | (a) | Enumerate the guidelines for the drug administration during lactation period. | 06 |
| | (b) | Discuss the pathogenesis and treatment of Closed angle Glaucoma. | 04 |
| | (c) | Write a note on Hormone replacement therapy. | 04 |
| Q.5 | (a) | What is the role of excretion and distribution parameter geriatric dosing? | 06 |
| | (b) | Explain the pathogenesis and treatment of COPD. | 04 |
| | (c) | Discuss the pathogenesis of Congestive Cardiac Failure. | 04 |
| Q. 6 | (a) | Classify types of Arrhythmia and Anti-Arrhythmic Agents. | 06 |
| | (b) | Discuss sign-symptoms and treatment of Thyroid disorders. | 04 |
| | (c) | Write a note on Cardiac Glycosides. | 04 |
| Q.7 | (a) | Discuss pathogenesis and treatment of Myocardial Infraction. | 06 |
| | (b) | Write a note on Estrogen. | 04 |
| | (c) | Discuss pathogenesis of Osteoporosis. | 04 |
