

GUJARAT TECHNOLOGICAL UNIVERSITY
B.PHARM – SEMESTER – 5- EXAMINATION –WINTER - 2018

Subject Code:2250005

Date: 01/12/2018

Subject Name: Pharmacology and Pharmacotherapeutics-I

Time:10:30 AM TO 01:30 PM

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) Classify Parasympathomimetics. Discuss treatment of insecticide poisoning. | 06 |
| | (b) Describe pharmacological actions and uses of Prostaglandin. | 05 |
| | (c) Discuss epidemiology, pathophysiology and diagnosis of hepatitis. | 05 |
| Q.2 | (a) Discuss drug therapy for migraine. | 06 |
| | (b) Classify antiemetic drugs. Discuss mechanism of prokinetic drugs. | 05 |
| | (c) Write a note on antitussive agents. | 05 |
| Q.3 | (a) Classify H ₁ blocker drugs. Describe its pharmacological actions and uses. | 06 |
| | (b) Discuss neurohumoral transmission of Adrenergic system. | 05 |
| | (c) Describe pathophysiology, symptoms and management of peptic ulcer. | 05 |
| Q.4 | (a) Classify Sympathomimetics. Discuss Dale's vasomotor reversal actions. | 06 |
| | (b) Discuss pharmacological actions of histamine. | 05 |
| | (c) Write about synthesis of 5-HT. Write a note on 5-HT receptors. | 05 |
| Q.5 | (a) Classify local anesthetic drugs. Explain mechanism of Lidocaine. | 06 |
| | (b) Classify laxatives and purgatives. Write note on osmotic purgatives. | 05 |
| | (c) Discuss complete pharmacology of atropine. | 05 |
| Q. 6 | (a) Classify peripherally acting skeletal muscle relaxants. Explain their mechanism of action. | 06 |
| | (b) Write about pathophysiology and treatment of open-angle glaucoma. | 05 |
| | (c) Write about etiology, pathophysiology and treatment of GERD. | 05 |
| Q.7 | (a) Classify sympatholytics. Discuss therapeutic uses of β -blocker drugs. | 06 |
| | (b) Describe pathophysiology and treatment of bronchial asthma. | 05 |
| | (c) Write a note on ganglionic stimulants. | 05 |
