

Seat No.: _____

Enrolment No. _____

GUJARAT TECHNOLOGICAL UNIVERSITY

B.PHARM – SEMESTER – VII • EXAMINATION – WINTER – 2015

Subject Code: 270006

Date: 16/12/2015

Subject Name: Pharmacology-III

Time: 10.30 AM to 1.30 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 antiulcer agents? Write a note on proton pump Inhibitors. | 06 |
| | (b) | Enlist the different class of cephalosporins and Write its therapeutic uses. | 05 |
| | (c) | Discuss the Pharmacotherapy of status asthmaticus. | 05 |
| Q.2 | (a) | Enumerate female sex hormones. Explain their mechanism of action and therapeutic uses. | 06 |
| | (b) | Classify and write the mechanism of action of amino glycoside antibiotics? | 05 |
| | (c) | Write a short note on – Expectorants | 05 |
| Q.3 | (a) | Classify different Immunosuppressant's. Write the Mechanism of action of Tacrolimus. | 06 |
| | (b) | Explain the pharmacological actions and toxicity of insulin. | 05 |
| | (c) | Enumerate anti-HIV agents. Write a note on antiherpes virus agents | 05 |
| Q.4 | (a) | Classify antiemetic with example? Write the mechanism of action of 5-HT ₃ receptor antagonist as antiemetics. | 06 |
| | (b) | Write the mechanism of action of antileprotic drugs? | 05 |
| | (c) | Discuss various therapeutic applications of nitric oxide. | 05 |
| Q.5 | (a) | Enlist the different class of Tetracycline's? Write the mechanism of action and therapeutic uses of Tetracycline's. | 06 |
| | (b) | Discuss the Pharmacology of oral hypoglycemic. | 05 |
| | (c) | Define and Classify Laxatives? Write a note on Bulk laxatives. | 05 |
| Q. 6 | (a) | Describe in brief the pharmacology of FluoroQuinolones. Highlight the advantages of gatifloxacin over norfloxacin. | 06 |
| | (b) | Discuss the pharmacology of Tocolytics. | 05 |
| | (c) | Discuss the physiological role of Thyroxine. Enlist the adverse effects of Thyroid hormones. | 05 |
| Q.7 | (a) | Classify anti tubercular (anti TB) drugs. Give mechanism of action and adverse effects of Isoniazid. | 06 |
| | (b) | Describe the therapeutic uses and adverse effects of Glucocorticoids. | 05 |
| | (c) | Write a note on antacids. | 05 |
