| Seat No.: | Enrolment No. |
|-----------|---------------|
| | |

GUJARAT TECHNOLOGICAL UNIVERSITY B. PHARM. - SEMESTER - VII • EXAMINATION - WINTER 2012

| Subject code: 270006 Subject Name: Pharmacology-III Time: 10.30 am - 01.30 pm Instructions: | | de: 270006 Date: 08/01/20 | Date: 08/01/2013 Total Marks: 80 | |
|---|--------------------------------------|--|----------------------------------|--|
| | | 30 am - 01.30 pm Total Marks: | | |
| HISU | 1. A 2. N | ttempt any five questions. Iake suitable assumptions wherever necessary. igures to the right indicate full marks. | | |
| Q.1 | (a) | 1 0 | 06 | |
| | (b) | spectrum of activity Explain oxytocics and tocolytics with suitable examples. Write therapeutic uses of oxytocin | 05 | |
| | (c) | Give classification of immunosuppressants. Write pharmacology of ciclosporin. | 05 | |
| Q.2 | (a) | Write antibacterial spectrum and adverse effects of penicillin. Classify semisynthetic penicillins. | 06 | |
| | (b) (c) | Discuss mechanism of action and therapeutic uses of nitric oxide Describe mechanism of action, spectrum and side effects of amphotericin B | 05 05 | |
| Q.3 | (a) | Write a note on co-trimoxazole. | 06 | |
| | (b) (c) | Compare and contrast chloramphenicol and Tetracyclines Justify use of corticosteroids in asthma. Compare systemic and inhaled steroid therapy in asthma. | 05 05 | |
| Q.4 | (a) | Enumerate drugs used in urinary tract infections. Write a note on ciprofloxacin. | 06 | |
| | (b) | Write characteristics and therapeutic uses of aminoglycoside antibiotics | 05 | |
| (c) | (c) | | 05 | |
| Q.5 | (a) | Give clinical classification of anti-malarial drugs. Write adverse effects of chloroquine. | 06 | |
| | (b) | Write mechanism of action, adverse effects and therapeutic uses of Metronidazole | 05 | |
| (c) | Write a note on contraceptive pills. | 05 | | |
| Q. 6 | (a) (b) (c) | What is HAART? Discuss reverse transcriptase inhibitors. Discuss first line drugs used for the treatment of tuberculosis Enumerate drugs used in hyperthyroidism and Write pharmacology of carbimazole | 06 05 05 | |
| Q.7 | (a) | Write mechanisms and sites of action of anticancer agents | 06 | |
| | (b) (c) | Write a note on Macrolide antibiotics Discuss mode of action of antisecretory agents. Write their therapeutic uses. | 05 05 | |
