

Seat No.: _____

Enrolment No. _____

GUJARAT TECHNOLOGICAL UNIVERSITY
D. Pharm. – SEMESTER – II • EXAMINATION – WINTER • 2014

Subject Code: 420006

Date: 03-01-2015

Subject Name: Hospital and Clinical Pharmacy

Time: 10:30 am - 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) Define hospital and write classification of hospital based on various criteria. | 06 |
| | (b) Write a short note on health delivery system in India. | 05 |
| | (c) Write functions and objectives of hospital pharmacy services. | 05 |
| Q.2 | (a) Write location and layout of hospital pharmaceutical service. Explain flow chart of material and men. | 06 |
| | (b) Write a note on unit dose dispensing system. | 05 |
| | (c) Discuss general treatment of poisoning. | 05 |
| Q.3 | (a) Discuss the facilities for manufacturing sterile products. | 06 |
| | (b) Write a note on hospital formulary system. | 05 |
| | (c) Write a short note on the drug information bulletin. | 05 |
| Q.4 | (a) Write a note on pharmacy therapeutic committee. | 06 |
| | (b) Explain application of computer in maintenance of records | 05 |
| | (c) Write a note on drug food interaction. | 05 |
| Q.5 | (a) Define clinical pharmacy practices and discuss scope of clinical pharmaceutical services. | 06 |
| | (b) Discuss the role of pharmacist in improving patient compliance. | 05 |
| | (c) Explain pathophysiology and symptoms of rheumatoid arthritis. | 05 |
| Q. 6 | (a) Discuss evaluation of parentals. | 06 |
| | (b) Define following terms
(i) Idiosyncrasy (ii) Drug intolerance (iii) Anaphylaxis | 05 |
| | (c) Write a note on central sterile services. | 05 |
| Q.7 | (a) Discuss factors affecting bioavailability. | 06 |
| | (b) Describe the various surgical instruments used in the operation theatre of a hospital. | 05 |
| | (c) Discuss the manufacturing of suppositories. | 05 |
