

Seat No.: _____

Enrolment No. _____

GUJARAT TECHNOLOGICAL UNIVERSITY
DIPLOMA PHARMACY YEAR- 2 EXAMINATION – WINTER - 2019

Subject Code: 420006

Date: 25/11/2019

Subject Name: Hospital & Clinical Pharmacy

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) | What do you mean by Aseptic area? How will you control different sources of contamination in sterile manufacturing area? | 06 |
| | (b) | Discuss functions of Hospital Pharmacy | 05 |
| | (c) | Give Definition and complete classification of hospital | 05 |
| Q.2 | (a) | Write different drug distribution system in hospital and discuss at length Unit dose drug distribution system. | 06 |
| | (b) | Discuss Outpatient Pharmacy along with its layout and dispensing | 05 |
| | (c) | Write duties of Pharmacist in a hospital. | 05 |
| Q.3 | (a) | Describe Central Sterile Service Department with its layout and write duties of pharmacist in CSSD. | 06 |
| | (b) | Explain in detail different quality control test for parenterals. | 05 |
| | (c) | Discuss Computer applications in Pharmacy | 05 |
| Q.4 | (a) | Discuss in detail functions of Pharmacy and Therapeutic Committee. | 06 |
| | (b) | What is Hospital formulary? Write a note on it. | 05 |
| | (c) | Write a note on Drug information services | 05 |
| Q.5 | (a) | Describe briefly different matters to be counselled to the patient by a Pharmacist. | 06 |
| | (b) | What do you mean by Patient Compliance? Discuss different factors responsible for non-compliance. | 05 |
| | (c) | Explain general treatment of Poisoning. | 05 |
| Q. 6 | (a) | What is Drug interaction? Classify it. Explain with examples drug interactions related to metabolism of drug | 06 |
| | (b) | Describe risk factors, pathophysiology and symptoms of Diabetes Mellitus | 05 |
| | (c) | Explain following medical terminology. i) Anaemia ii) Angina
iii) Tachycardia iv) Anxiety v)Dementia | 05 |
| Q.7 | (a) | What is bioavailability? Describe in brief factors affecting bioavailability | 06 |
| | (b) | Discuss factors affecting Adverse Drug Reactions | 05 |
| | (c) | Write a note on Iatrogenic diseases and Teratogenicity | 05 |
