

Seat No.: _____

Enrolment No. _____

GUJARAT TECHNOLOGICAL UNIVERSITY
DIPLOMA PHARMACY YEAR- 2 • EXAMINATION – WINTER - 2023

Subject Code: 420006

Date:16/12/2023

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.

- Q.1** (a) Give the classification of hospitals. 06
(b) Discuss the functions of hospital pharmacy. 05
(c) Describe Unit Dose Drug Distribution System along with its merits and demerits. 05
- Q.2** (a) Enumerate methods of inventory control? Explain economic order quantity. 06
(b) Write a note on hospital formulary system. 05
(c) Write a note on evaluation of parenteral products. 05
- Q.3** (a) Write a note on Pharmacy and Therapeutic Committee. 06
(b) Give the names of five surgical instruments and its function. 05
(c) Write a note on drug information bulletin. 05
- Q.4** (a) What do you mean by patient compliance ? Discuss different factors responsible for patient non-compliance. 06
(b) Discuss the scope of clinical pharmaceutical services. 05
(c) Describe the role of computer in hospital pharmacy. 05
- Q.5** (a) Explain etiology, symptoms and pathophysiology of Tuberculosis. 06
(b) Give the normal values of the followings: 1) Fasting blood sugar 2) Total cholesterol 3) RBC count 4) Blood Clotting time 5) Hemoglobin level 05
(c) Enumerate mechanism of drug interactions. 05
- Q.6** (a) Define “adverse drug reactions”. Explain the reasons for adverse drug reactions. 06
(b) Write a note on surgical bandages. 05
(c) Explain the general treatment of poisoning cases. 05
- Q.7** (a) Discuss the factors affecting bioavailability. 06
(b) What are the withdrawal symptoms of alcohol? How is it treated? 05
(c) Give the difference between drug addiction and drug habituation. 05
