

GUJARAT TECHNOLOGICAL UNIVERSITY
B.PHARM – SEMESTER – VII EXAMINATION – WINTER-2025

Subject Code: BP703TT**Date:17-11-2025****Subject Name: Pharmacy Practice****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) Classify hospitals according to various basis. Describe organization structure of a hospital. **06**
- (b) Write a detailed note on inventory control of drug store. **05**
- (c) Write organization and functions of pharmacy and therapeutic committee. **05**
- Q.2** (a) Give two examples of each of the following: **06**
- i) Beneficial drug interaction
- ii) Adverse drug interactions
- iii) Drug interaction due to CYP polymorphism
- (b) Explain drug distribution system in hospitals in context of dispensing of drugs to the in-patients. **05**
- (c) What are steps involved in patient counselling? Describe special cases that require patient counselling. **05**
- Q.3** (a) Write functions and responsibilities of clinical pharmacist. **06**
- (b) Enlist divisions of Budget. Explain budget preparation & implementation in hospital pharmacy **05**
- (c) Write which organ abnormalities/ disorder can be detected from the following tests, write normal value/ range of each parameter also - **05**
- i) Blood urea nitrogen
- ii) Serum creatinine
- iii) HbA1c
- iv) Serum aspartate aminotransferase
- v) Hemoglobin
- Q.4** (a) Write a detailed note on drug and poison information center. **06**
- (b) Explain the importance of communication skills with patients and prescribers. **05**
- (c) Explain the term Therapeutic drug monitoring. Describe factors to be considered during therapeutic drug monitoring. **05**
- Q.5** (a) What are causes of medication non adherence? Describe ways to monitor medication adherence and role of pharmacist to improve medication adherence. **06**
- (b) What is the need of taking patient medication history interview by pharmacists in the hospital? write information to be included in medication interview forms. **05**
- (c) Explain in brief : Economic order quantity and reorder quantity. **05**
- Q. 6** (a) What are legal requirements for establishment and maintenance of drug store. **06**
- (b) Describe the role of pharmacist in education and training program in the hospital. **05**
- (c) Write a note on rational use of common over the counter medications. **05**

- Q.7** (a) Classify adverse drug reaction. Explain adverse drug reaction reporting methods. **06**
- (b) Differentiate between hospital formulary and drug list. Explain the content of hospital formulary. **05**
- (c) Explain different methods of storage of drug material in retail drug store. **05**
