

**GUJARAT TECHNOLOGICAL UNIVERSITY**  
**B.Pharm. – SEMESTER -VII– • EXAMINATION – WINTER -2021**

**Subject Code: BP703TT****Date:29/11/2021****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.

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|-------------|-----|--|-----------|
| <b>Q.1</b>  | (a) | Explain following terms:   | <b>06</b> |
|             |     | a. Excessive pharmacological effects   |           |
|             |     | b. Secondary pharmacological effects   |           |
|             |     | c. Idiosyncrasy  |           |
|             |     | d. Allergic drug reactions   |           |
|             |     | e. Genetically determined toxicity   |           |
|             |     | f. Withdrawal reaction   |           |
|             | (b) | Define hospital. Give detailed classification of hospital.   | <b>05</b> |
|             | (c) | Discuss Pharmacokinetic Drug Interactions with examples.   | <b>05</b> |
| <b>Q.2</b>  | (a) | Mention the steps in patient counseling. Explain role of pharmacist in patient counseling.                       | <b>06</b> |
|             | (b) | Explain organization and structure of retail and whole sale drug store.  | <b>05</b> |
|             | (c) | Discuss the duties and responsibilities of hospital pharmacist.  | <b>05</b> |
| <b>Q.3</b>  | (a) | Discuss the different types of outpatient services for the drug distribution system in hospital.                 | <b>06</b> |
|             | (b) | Differentiate between Hospital formulary and drug list. Write a note on preparation & revision of the formulary. | <b>05</b> |
|             | (c) | What is therapeutic drug monitoring? Explain its importance with suitable examples.                              | <b>05</b> |
| <b>Q.4</b>  | (a) | What is PTC? Give the structure and functions of PTC.  | <b>06</b> |
|             | (b) | Write methods to detect medication non-compliance. Which measures are required to improve patient compliance?    | <b>05</b> |
|             | (c) | Why there is a need for the patient medication history interview? Give the format of medication interview forms. | <b>05</b> |
| <b>Q.5</b>  | (a) | Define budget. Enlist divisions of Budget. Explain budget preparation & implementation in hospital pharmacy.     | <b>06</b> |
|             | (b) | Explain the importance of communication skills with patients and prescribers.                                    | <b>05</b> |
|             | (c) | Write code of ethics for community pharmacist.   | <b>05</b> |
| <b>Q. 6</b> | (a) | Write functions and responsibilities of clinical pharmacist.   | <b>06</b> |
|             | (b) | Explain different methods of storage of drug material in retail drug store.                                      | <b>05</b> |
|             | (c) | Enlist different techniques of inventory control. Explain ABC and VED analysis method in brief.                  | <b>05</b> |
| <b>Q.7</b>  | (a) | Write sources of drug information. Discuss various applications of computer in hospital pharmacy.                | <b>06</b> |
|             | (b) | Describe in detail about various hematological test.   | <b>05</b> |
|             | (c) | Describe the role of pharmacist in the education and training program in hospital.                               | <b>05</b> |