

End Semester/Reappear (Semester II) Examination May 2025

Programme: B. Pharm
Course: Computer Application in Pharmacy
Course Code: BP205T
Enrolment no. _____

Full Marks: 50
Time: 2 Hrs.

| Q.No. | Questions | CO | Bloom Taxonomy Category | Marks |
|--|--|-----|-------------------------|--------------------|
| Section I | | | | |
| 1. Short Answer type questions. | | | | |
| a | Describe the applications of text information management systems in preclinical data analysis. | CO5 | Remember | 6 x 5 = 30 |
| b | Explain the purpose of CSS and its role in web page styling. | CO2 | Understand | |
| c | Discuss the features and components of EP systems. | CO3 | Understand | |
| d | Explain how bioinformatics tools and databases facilitate vaccine development. | CO4 | Understand | |
| e | Describe the steps involved in requirement and feasibility analysis. or | CO1 | Remember | |
| | Discuss the following operations with example i. Binary subtraction (using one's complement and two's complement methods) $(101011)_2 - (1011)_2$ ii. Binary multiplication of $(10101)_2$ and $(101)_2$ | CO1 | Evaluate | |
| f | Discuss the features and capabilities of MYSQL. or | CO2 | Understand | |
| | Explain a web server and its function in serving web content. | CO2 | Understand | |
| Section II | | | | |
| Long Answer Type questions | | | | |
| 2 | Explain how lab-diagnostic systems streamline the process of sample analysis and result reporting. | CO5 | Analyze | 2 x 10 = 20 |
| 3 | Explain the patient monitoring systems and their role in healthcare monitoring. Discuss the types of patient monitoring devices and sensors used in these systems. or | CO3 | Analyze | |
| | Explain drug information database. Analyze the features and functionalities of drug information databases in monitoring patients health. List any five drug information database. | CO3 | Analyze | |

Course Outcomes (CO):

CO1: Apply knowledge of computer in pharmacy.

CO2: Classify and explain various types of databases.

CO3: Enlist and describe various applications of databases in pharmacy.

CO4: Write advantages and disadvantages of computers in pharmacy management system.

CO5: Explain various software's of computers used in pharmacy.