

Roll No _____

END-TERM EXAMINATION
Re-appear, December-2024



K.R. MANGALAM UNIVERSITY
THE COMPLETE WORLD OF EDUCATION

Course Code: BP205 T

Course Name: Computer Applications In Pharmacy

Programme Name: B.Pharm

Semester: 2nd

Time: 2 Hours

Maximum Marks: 50

Instructions:: The question paper consists of 8 questions divided into two part A and B. Attempt any one questions out of two from section-A and any five questions out of six from section-B

Section-A (2X 10= 20 Marks)

1	Consider the development of a mobile application similar to "Medisafe" for medication management. Draw Data Flow Diagram and discuss the architecture, features and data handling mechanisms associated with such an application.	CO-3	L-3
2	Explain the applications of Electronic Prescribing and Discharge systems. Differentiate between computer hardware and computer software. Explain different input and output devices.	CO-3	L-4
03	Discuss the key features and benefits of a Laboratory Information Management System (LIMS). Provide examples of industries or fields where LIMS is commonly utilized and explain how it enhances laboratory operations.	CO-3	L-3

Section B (5 X 6 = 30 Marks)

1	Convert the decimal number 456 to binary, octal, and hexadecimal representation.	CO-2	L-2
2	Create an HTML form that allows users to submit their name and email address. The form should have two input fields, one for the name and the other for the email address. Additionally, include a submit button for users to submit their information.	CO-2	L-2
3	Design a Data Flow Diagram (DFD) model to illustrate the flow of information within a patient monitoring system, detailing the interactions between users, data storage, and processing components?	CO-2	L-3
4	Explain with suitable examples role of Bio Informatics in making overall growth of community. Provide data bases available for the public community.	CO-1	L-1
5	How can computer applications be utilized to optimize drug storage management and streamline retrieval of crucial drug information? Explain with suitable examples.	CO-1	L-2
6	Convert the octal number 6257 to its decimal and binary representations	CO-2	L-1
7	Differentiate between HTML and XML.	CO-2	L-1

8	Explain web server and discuss its different types. Provide examples for each type and highlight their respective use cases.	CO-1	L-1
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