

[This question paper contains 2 printed pages.]

Your Roll No.....

Sr. No. of Question Paper : 3558

J

Unique Paper Code : 6322471202

**Name of the Paper : Medical Software
Applications-1 (DSC-5)**

**Name of the Course : B.Voc. (Healthcare
Management)**

Semester : II

Duration : 3 Hours

Maximum Marks : 90

Instructions for Candidates

1. Write your Roll No. on the top immediately on receipt of this question paper.
2. Attempt five out of the seven questions.
3. All questions carry equal marks.
1. What is CPRS and how does it differ from a standard EHR system? How is CPRS used in clinical decision making? **(9,9=18)**
2. What is the process flow of patients in Registration , OPD, Admission and Discharge Module in HIS **(3x6=18)**

P.T.O.

3. Write short note on the following (3x6=18)
- a. Bed Management System
 - b. E-Prescription
 - c. Financial Management Module
4. What are the functions of Lab? Explain different types of Labs present in the hospital? Also, briefly explain the module which will be helpful in streamlining the functions of Lab and Reporting system? (9,9=18)
5. The hospital CEO wants to assess the efficiency of the emergency department. How can the MIS module provide relevant data for this evaluation? Mention in detail the various types of MIS and features to understand the importance of the same? (18)
6. (a) Define the concept, pre-requisites & characteristics of Healthcare Information Systems (HIS) and explain its significance in modern healthcare delivery?
- (b) Discuss the role of HIS in improving patient care, clinical outcomes, and operational efficiency within healthcare organizations? (10,8)
7. Give a brief work flow of OT? Discuss the benefits of implementing an OT Management System in improving operational efficiency, reducing waiting times, and ensuring patient safety in the operating theatre? (18)