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MBAS 567

**IV Semester M.B.A. Degree Examination, September/October 2022
(Regular & Repeater)
BUSINESS ADMINISTRATION
Health Information System**

Time : 3 Hours

Max. Marks : 70

**SECTION – A
(Compulsory)**

Note : The answer to the question should **not** exceed **six** pages. **(1×15=15)**

1. “As medical facilities across the country continue to modernize, the need for robust and responsive healthcare IT support will only increase”. Justify the statement with the appropriate examples.

SECTION – B

Note : Answer **any five** of the following questions. **Each** question carries **8** marks.

The answer to the question should **not** exceed **five** pages. **(5×8=40)**

2. Examine the different levels of information that are required in the health care industry.
3. Discuss the application of the health information system.
4. Discuss the utility of hospital management software.
5. Differentiate between the manual health record system and the electronic health record system.
6. Explain the advantages and barriers of telehealth.
7. Discuss different types of healthcare information system adopted in the Indian healthcare industry.
8. Explain the functions and components of the clinical information system.

P.T.O.



SECTION – C
(Compulsory)

Note : The answer to the question should **not** exceed **six** pages.

(1×15=15)

9. Case Study

XO Infotech Ltd. has developed a core package — Hospital Management System that addresses all major functional areas of the Hospital. The development environment ensures that XO HMS has the portability and connectivity to run on virtually all standard hardware platforms, with stringent data security and easy recovery in case of a system failure. XO HMS provides the benefits of streamlined operations, enhanced administration and control, improved response to patient care, cost control and increased profitability. Some of the subsystem Modules in XO HMS: Reception, OPD, IPD Registration and Admission, Administration, Security, Pharmacy Store, Purchase, Phlebotomy, Laboratory, Emergency, OT Management, Minor Surgery, Blood Bank, Ward Management, OPD and IPD Billing, Intensive Care Unit (ICU), Food and Beverages, Discharge Summary, Financial Accounting, Marketing Module, Doctor's Module, HR Management.

Recommend the conceptual plan for implementation of the Hospital Management System at XO Infotech Ltd.
