D 105296   (Pages : 2)   Name..

Reg. No....................................

SECOND SEMESTER M.B.A. DEGREE EXAMINATION, JULY 2024

M.B.A. (CUCSS)

BUS 2C 15—MANAGEMENT INFORMATION SYSTEM

Time : Three Hours   Maximum : 36 Weightage

Part A

Answer **all** *questions.*
Each question carries 1 *weightage.*

1. State law of requisite variety ?

2. Illustrate formal and informal information systems ?

3. What is ERP ?

4. List out the uses of system prototyping ?

5. What is ethical hacking ?

6. What is LAN ?

(6 × 1 = 6 weightage)

Part B

Answer any **four** *questions.*
Each question carries 3 *weightage.*

7. Explain how MIS becomes helpful in decision making ?

8. Distinguish between deterministic and probabilistic systems ?

9. Explain the need for system documentation ?

10. Identify the functions of DSS ?

11. What are the potential threats to information resources ?

12. 'Information Technology positively and negatively affects the society'. Examine the point ?

(4 × 3 = 12 weightage)

Turn over

Part C

Answer any **three** *questions.*
Each question carries 4 *weightage.*

13. Describe how information is linked with structure of organisation ?

14. Describe the role played by programmers, systems analysts, information systems managers, and the chief information officer in an organisation ?

15. What are the considerations in system analysis and design ?

16. Describe some strategies for ensuring data security ?

17. Discuss the recent advancements in information systems ?

(3 × 4 = 12 weightage)

Part D (Compulsory)

The question carries 6 *weightage.*

18. The National Medical Commission (NMC) has directed all medical colleges in India to implement Hospital Management Information System (HMIS) and to submit patient registration module in a time bound manner. The NMC has made it mandatory for the colleges to have a fully functioning the HMIS with Outpatient Department, Inpatient Department (OPD/IPD) registration module, casualties and emergency module, Operation Theatres (OT) minor and major surgeries module. The colleges are bound to have the Laboratory Management Information System modules to depict the daily registration of lab tests, including pathological and radiological procedures, done.

The HMIS, currently only in some private medical colleges and hospitals, provides online information about the attendance of doctors, paramedical staff and employees and the presence of medicines and records of various departments in medical colleges.

Questions :

(i) Discuss about the potential benefits out of HMIS for different stakeholders ?

(ii) Suggest a typical structure of an HMIS for a government medical college working in Kerala ?

(1 × 6 = 6 weightage)