

B3.1-R4 : MANAGEMENT FUNDAMENTALS AND INFORMATION SYSTEM

NOTE :

1. Answer question 1 and any FOUR questions from 2 to 7.
2. Parts of the same question should be answered together and in the same sequence.

Time : 3 Hours

Total Marks : 100

1. (a) What is information system ? What are the Components of MIS ?
(b) What are the challenges and opportunities that business managers face in managing information systems and technologies to meet business goals ?
(c) Explain the effects of applying Information technology to MIS.
(d) How can developing information systems solutions to business problems be implemented and managed as a multistep process or cycle ?
(e) What are the capabilities of information system that business must have to compete and survive in the information age ?
(f) What are the differences between data and information ? Explain with two suitable examples.
(g) Differentiate between open and closed system. Explain importance of feedback system in an organization. (7x4)

2. (a) Differentiate between service and product. What is distinctive service ?
(b) What are the risks Associated during the implementation of ERP ?
(c) What is human resource information system ? What are the benefits of HRIS ?
(d) What are the different types of information system ? Distinguish between MIS and DSS. (4+4+5+5)

3. (a) What is expert system ? What are the benefits of expert system ?
(b) What is CRM ? How it works ? Why CRM is important for Business ?
(c) What are the different steps involved in system analysis.
(d) What is e-Business ? What are the different types of e-Business ? (4+4+5+5)

4. (a) What are the differences between RAD and prototyping approach of system development ?
(b) What is system development life cycle ? Explain with suitable diagram.
(c) What is system testing ? What are the fundamentals of system testing ?
(d) What is system maintenance ? What are its different types ? (4+4+5+5)

5. (a) Compare and contrast between direct conversion and parallel conversion.
(b) What is ERP ? What are the benefits of ERP systems ?
(c) How can companies use extranet to streamline its supply chain management ? (6+6+6)
6. (a) How to protect yourself from cyber-crime and other computer security threats ?
(b) What is cryptography ? Explain symmetric and asymmetric cryptography.
(c) What is cybercrime ? How can companies protect themselves from cyber-crime ? (6+6+6)
7. (a) What are the major components of information technology management ?
(b) What are the securities and ethical issues should be kept while building information system ?
(c) What is different type of information control techniques ? (6+6+6)

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