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Total Number of Pages: 02

MCA
MCC306

3rd Semester Back Examination 2016-17
MANAGEMENT INFORMATION SYSTEM

BRANCH: MCA

Time: 3 Hours

Max Marks: 70

Q.CODE: Y743

Answer Question No.1 which is compulsory and any five from the rest.
The figures in the right hand margin indicate marks.

- Q1** Answer the following questions: (2 x 10)
- a) Define MIS. Explain its use in an organization.
 - b) How can information technology support a company's business processes and decision-making, and give it a competitive advantage? Give examples to illustrate your answer.
 - c) How can a manager demonstrate that he or she is a responsible end user of information systems? Give several examples.
 - d) Why are there so many conceptual classifications of information systems? Why they are typically integrated in the information systems found in the real world?
 - e) How can Internet technologies help a business form strategic alliances with its customers, suppliers, and others?
 - f) What is the role of a database management system in a business information system?
 - g) Briefly explain about SWOT.
 - h) Explain cyber crime and its impacts in today's business.
 - i) What is data dictionary and write its uses.
 - j) Explain expert system and its need in an organization.
- Q2** Explain a system and describe information system resources with a neat sketch. (2+8)
- Q3**
- a) Explain the different attributes of information quality. (5)
 - b) Explain the managerial consideration for data resource management. (5)
- Q4**
- a) Define database and describe at least three types of data models with neat sketch. (5)
 - b) Explain system development life cycle with a neat sketch. (5)
- Q5**
- a) What do you mean by structured analysis? Describe its benefits in an organizational process. (5)
 - b) Explain the different types of computer crime. (5)

Q6 a) Explain knowledge management system and describe its characteristics in detail. **(5)**

b) What is the difference between the ability of a manager to retrieve information instantly on demand using an MIS, and the capabilities provided by a DSS? **(5)**

Q7 Draw a Data Flow Diagram for online store which represents the interactions between the Visitors, Customers and Sellers, as well as Website Information and User databases. **(10)**

Q8 Write short answer on any TWO: **(5 x 2)**

a) HIPO

b) Decision Table

c) Transaction Processing Systems

d) security & recovery measures of Information System