

# CBCS Scheme

16MCA353

USN

--	--	--	--	--	--	--	--	--	--

## Third Semester MCA Degree Examination, Dec.2017/Jan.2018 MIS and E-Commerce

Time: 3 hrs.

Max. Marks: 80

**Note:** Answer FIVE full questions, choosing one full question from each module.

### Module-1

- 1 a. Define MIS. Explain impact of MIS on organization. (04 Marks)  
b. With neat diagram, explain organization as a system. (04 Marks)  
c. Define strategic planning. Explain the different types of strategies. (08 Marks)

OR

- 2 a. With neat diagram, explain management as a control system. (05 Marks)  
b. What is corporate planning? Why it is needed? Explain the different dimensions of corporate planning. (05 Marks)  
c. Differentiate between goals, objectives and target with an example for each. (06 Marks)

### Module-2

- 3 a. Explain the methods of data and information collection. (08 Marks)  
b. What is a decision? What are the types of decisions? Explain the process of decision making with Simon model. (08 Marks)

OR

- 4 a. What are the methods for deciding decision alternatives? Explain each with proper example. (08 Marks)  
b. Explain with neat diagram, human as an information processor. (05 Marks)  
c. What are the different ways of information classification according to John Dearden? (03 Marks)

### Module-3

- 5 a. What are the different levels of processing required to meet the information needs? Briefly explain about them. (08 Marks)  
b. What is information system processing? Explain the TQM of information system. (08 Marks)

OR

- 6 a. Write a short note on OLAP. (04 Marks)  
b. What are the 3 parameters used in the evaluation of IT before decision is made? Explain each. (06 Marks)  
c. The selection of information technology is a strategic decision in MIS development. Explain. (06 Marks)

2. Any revealing of identification, appeal to evaluator and/or Equations without sign.

**Module-4**

- 7 a. What are characteristics of e-business? Explain different models of e-business. (08 Marks)  
b. Explain :  
i) Encryption with figure  
ii) Firewalls with figure. (08 Marks)

**OR**

- 8 a. Differentiate between conventional application architecture and web enabled application architecture. (08 Marks)  
b. Differentiate between intranet, extranet and Internet. (03 Marks)  
c. Describe the components of web. List the applications of web. (05 Marks)

**Module-5**

- 9 a. Explain the steps of designing the client side e-commerce application. (08 Marks)  
b. Explain three tier model of web based e-commerce application with neat diagram. (08 Marks)

**OR**

- 10 a. What is JDBC? Explain the layered infrastructure of JDBC with neat diagram. (08 Marks)  
b. List e-commerce business model basic types. With neat diagram, explain the architecture of virtual market system. (08 Marks)

\* \* \* \* \*