

97677

**B.C.A. 5th Semester (New)
Examination- November, 2016
Management Information System**

Paper-BCA-301

Time : 3 hours

Max. Marks : 80

Before answering the questions, candidates should ensure that they have been supplied the correct and complete question paper. No complaint in this regard will be entertained after the examination.

Note : Attempt **five** questions in all, selecting **one** question from each unit. Q. No. 1 is **compulsory**. All questions carry equal marks.

1. (a) What is system ?
(b) What is EDP ?
(c) What is MIS ?
(d) What is the difference between asynchronous and synchronous transmission?
(e) What is wireless LAN ?
(f) What is Token Ring ?
(g) What is datagram?

Unit-I

2. What do you mean by ISO-OSI reference model ? Explain functions, services and protocol of each layer.
3. (a) Define computer network ? What is network topology ? Explain it with their advantages and disadvantages.
- (b) Explain : <http://www.haryanapapers.com>
- (i) Distributed system
 - (ii) Peer-to-peer model.
- (b) What do you mean by system approach? Explain.

Unit-II

4. Differentiate the following.
- (a) Formal and informal system
 - (b) Structured and unstructured decision
5. (a) What are the characteristics and components of MIS? Explain.
- (b) Explain Simon's model of decision

Unit-III

6. (a) What are the pitfalls in MIS development? Explain.
- (b) What is implementation ? How to plan for implementation of MIS?
7. How to design Management Information System ? Explain in detail.

Unit-IV

8. Discuss the role of information system in Personnel and Production Management.
9. (a) What is E-commerce ? What are the applications of E-commerce?

(b) Describe how decision support system



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