BCA-14/DCA-105

June - Examination 2017

BCA Pt. III/DCA Examination

Computer Applications in Corporate World

Paper - BCA-14/DCA-105

Time : 3 Hours]   **[Max. Marks :- 100**

Note: The question paper is divided into three sections A, B and C. Write answers as per given instructions.

Section - A $10 \times 2 = 20$
(Very Short Answer Questions)

Note: Answer **all** questions. As per the nature of the question delimit your answer in one word, one sentence or maximum upto 30 words. Each question carries 2 marks.

1) (i)   What are basic elements of communication system?

    (ii)   What are the major attributes of information systems?

    (iii) What is transaction processing cycle?

    (iv)   Define MIS (Management Information System)

    (v)   What are the various applications of AI?

    (vi)   What is EDI (Electronic Data Interchange)?

    (vii) What do you understand by statistics packages?

    (viii) Define EIS (Executive information System)

(ix) What is ERP (Enterprise Resource Planning)?

(x) What do you understand by information technology?

Section - B $4 \times 10 = 40$

(Short Answer Questions)

Note: Answer **any four** questions. Each answer should not exceed 200 words. Each question carries 10 marks.

2) What are data transmission modes? Explain.

3) What is system software? How it is differ from application software.

4) What are the basic concepts of information technology?

5) Explain the characteristics of MIS (Management information system)

6) Describe the ERP architecture with suitable diagram.

7) Explain the elements of digital communication system with suitable diagram.

8) Explain the ACID property in context of transactions.

9) How IT helps in the growth of a business organization? Explain.

Section - C $2 \times 20 = 40$
(Long Answer Questions)

Note: Answer **any two** questions. You have to delimit your each answer maximum upto 500 words. Each question carries 20 marks.

10) Define computer network. Explain various types of computer networks with suitable diagram.

11) What are programming languages? Why they are required? Discuss different types of programming languages.

12) Explain the different audio and video formats.

13) What is a Trial Balance? What are the objectives of preparing a Trial balance? Write the difference between trial balance and balance sheet.

———