BCA-14/DCA-105

December - Examination 2016

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 is system software?

    (ii)   What is the difference between compiler and interpreter?

    (iii)   What do you mean by Software Licensing?

    (iv)   What is the full form of MAN?

    (v)   What is the use of transducer in Communication system?

    (vi)   What is the full form of MIS?

    (vii)   What is voucher?

    (viii)   What is Contra in Tally?

(ix) List some ERP Vendors and their products.

(x) What is computer network? What are its main objectives?

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 is the difference between simplex, half-duplex and full-duplex transmission?

3) Explain network architecture briefly.

4) What is communication protocol?

5) What are Data, Information and Information System? Explain.

6) What are the advantages and disadvantages of EIS?

7) Explain Bluetooth Data Transmission.

8) Explain Transaction Processing System.

9) What is Bandwidth in Transmission Media?

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) Explain in detail the ACID property in context of Transactions.

11) What is Artificial Intelligence? Explain Applications of Artificial Intelligence.

12) Define and differentiate each of the following:

   (i)   Descriptive analysis

   (ii)   Inferential analysis

13) Explain different parameters that must be considered while implementing a E-commerce.

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