# BCA-14/DCA-105

## December - Examination 2019

## BCA Pt. III/DCA Examination

## Computer Applications in Corporate World

## Paper - BCA-14/DCA-105

**Time : 3 Hours ]**  **[ Max. Marks :- 70**

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

### Section - A  $7 \times 2 = 14$

(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 communication protocol? Name the functions performed by protocol.

 (ii) Define Internet and www.

 (iii) What is Stata? Write names of various versions of stata available in market.

 (iv) Name the major multimedia application.

 (v) What is statistical package?

 (vi) Define EDI

(vii) What are the milestones in bluetooth technology?

## **Section - B**        $4 \times 7 = 28$

### (Short Answer Questions)

**Note:** Answer **any four** questions. Each answer should not exceed 200 words. Each question carries 7 marks.

2) Explain ACID properties of transaction processing.

3) What is software licencing? Discuss different ways of software licence distribution.

4) Discuss various technological trends in information technology.

5) Explain different data transmission modes.

6) Explain different common error values that occur in Ms-Excel with their meaning and causes.

7) What is inventory record? Explain.

8) Explain the operations performed during successful transfer of data using bluetooth technology.

9) What is solver tool in MS-Excel? Explain its use with example.

**Section - C**                     $2 \times 14 = 28$

(Long Answer Questions)

**Note:**    Answer **any two** questions. You have to delimit your each answer maximum upto 500 words. Each question carries 14 marks.

10) Explain expert system and its architecture.

11) Explain applications of e-commerce.

12) How formulas are created in MS-Excel? Explain with example.

13) i)    Explain different image formats and their uses.

   ii)    Explain various factors affecting value of information.

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