

BCA-01/DCA-101

December - Examination 2017

BCA Pt. I/DCA Examination**Introduction to Computer Science****Paper - BCA-01/DCA-101****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 × 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) ASCII stands for _____.
- (ii) What is analog signal?
- (iii) In context of cryptography, what is meant by term 'Plain Text'.
- (iv) What is search engine?
- (v) What is ISDN?
- (vi) What are BCD codes?
- (vii) Give two examples of optical storage device.

- (viii) What is utility of plotters?
- (ix) What are internal DOS commands?
- (x) Give an example each of, application software and system software.

Section - B**4 × 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 various applications of computers?
- 3) List advantages and disadvantages of GUI based operating system and CUI based operating system.
- 4) Explain various levels of memory hierarchy.
- 5) Compare LAN, MAN and WAN.
- 6) Write a short note on antivirus software.
- 7) What are characteristics of good MIS?
- 8) Give a brief description of Joint Electronic Transaction.
- 9) Give a brief overview of following forms of electronic payment systems.

Section - C**2 × 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) Describe in detail about following output devices:-
- (i) Monitors
 - (ii) Printers
 - (iii) Plotters
- 11) Explain various computer generations in details, specifying technology used in each generation.
- 12) Give a brief description of following components of Windows
- (i) TASKBAR
 - (ii) TOOLBAR
 - (iii) WINDOWS EXPLORER
 - (iv) RECYCLE BIN
 - (v) NETWORK NEIGHBORHOOD
- 13) Classify computers based on
- (i) Size
 - (ii) Technology used
 - (iii) Purpose
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