

BCA-01**B.C.A. Examination, June-2015****Introduction to Computer Science****BCA-01**

Time : Three 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

(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. $2 \times 10 = 20$

1. (i) Give difference between Analog and digital computer.
- (ii) List output devices.
- (iii) Define secondary memory.
- (iv) What is process?
- (v) Name some popular operating systems.

- (vi) What is Protocol?
- (vii) What is Intranet?
- (viii) What is TCP / IP
- (ix) Define Encryption.
- (x) What is ISP?

Section-B

(Short Answer Questions)

Note: Answer any four questions. Each answer should not exceed 200 words. Each question carries 10 marks.
10×4=40

2. Explain Address Bus and Data Bus. How they work?
3. Perform conversion-
 - (a) $(11011)_2 = (?)_{10}$
 - (b) $(67)_{10} = (?)_2$
 - (c) $(46)_{10} = (?)_8$
 - (d) $(1001)_2 = (?)_8$
4. Explain internal and external command.
5. Describe Encryption and Decryption.
6. How transaction over internet is secured?
7. Describe different types of operating systems.

8. Write use of M.I.S in business.
9. What is Topology? Describe star Topology.

Section-C

(Long Answer Questions)

Note: Answer any two questions. You have to delimit your each answer maximum upto 500 words. Each question carries 20 marks.
20×2=40

10. Explain File Management of operating system.
11. Define operating system. Write various functions of OS.
12. Describe various threats to E-Commerce. How security helps in this?
13. Describe Framework of M.I.S.

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