

BCA - 01

December - Examination 2015

BCA 1st Year Examination**Introduction to Computer Science****Paper - BCA - 01****Time : 3 Hours]****[Max. Marks :- 100**

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

Section - A

10 x 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 up to 30 words. Each question carries 2 marks.

- 1) (i) Name any three search engines.
- (ii) What are the advantage of using LEASED LINE connection?
- (iii) What do you mean by UNICODE?
- (iv) What is the full form of OCR?

- (v) Name any three input devices.
- (vi) List the use of Recycle Bin.
- (vii) List the advantages of E-Commerce.
- (viii) What is the role of MIS?
- (ix) Name some anti virus.
- (x) Define Internet

Section - B

4 x 10 = 40

(Short Answer questions)

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

- 2) Compare Hard Real time Operating System and Soft Real time Operating System.
- 3) Describe memory hierarchy with neat diagram.
- 4) What are the difference between application software and system software?
- 5) Explain various modes of communication with neat diagram.
- 6) Write short notes on Ethical Hacking
- 7) Why cryptographic is used? Explain the concept of Digital Signature.
- 8) Explain the working and use of firewall.
- 9) Explain file structure of Linux Operating System.

Section - C

2 x 20 = 40

(Long Answer questions)

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

- 10) What do you mean by Computer system? Explain various generations of Computer in detail.
 - 11) Define Operating System. Give comparative description of various type of Operating system with the features.
 - 12) What are the advantages of using Microsoft Windows XP over MS-DOS? Explain the components of windows.
 - 13) Explain the working of Electric Payment System. What are the various mode of Electronic Payment System.
- _____