

11. What do you mean by Computer Network ? What are the advantages and disadvantages of Internet ?
12. What do you understand by Cryptography ? List the various cryptographic techniques with suitable examples.
13. Differentiate among the following :
- (i) DOS and Windows
 - (ii) MS-Excel and MS-Access
 - (iii) Impact and Non-impact printers
 - (iv) Web-browser and websites

BCA-01/DCA-101

June – Examination 2024

BCA (Part-I)/DCA Examination

INTRODUCTION TO COMPUTER SCIENCE

Paper : BCA-01/DCA-101

Time : 3 Hours]

[Maximum Marks : 70

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

Section-A

7×2=14

(Very Short Answer Type 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) What are the primary storage in computer ?
- (ii) Write any *two* CUI operating system.

- (iii) Define the process in operating system.
- (iv) What are batch files in DOS ?
- (v) What is Virus ?
- (vi) What do you mean by Firewall ?
- (vii) Define Management Information System.

Section-B **4×7=28**

(Short Answer Type Questions)

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

2. Discuss various types of primary and secondary memories.
3. Differentiate between high level, assembly and machine language.
4. What is Topology ? Explain various types of topology in the computer networks.
5. Explain the important features of desktop in reference to MS Windows.

6. Explain MS-DOS and write DOS commands to perform following :
 - (i) To make a directory
 - (ii) To change the path of a directory
 - (iii) To rename a file
 - (iv) To copy a file
7. Explain half duplex and full duplex modes of data transmission in detail.
8. Explain ASCII code and BCD code with examples.
9. Differentiate between HTTP and HTTPS protocol.

Section-C **2×14=28**

(Long Answer Type Questions)

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

10. What is a Computer System ? Explain in brief the application areas of computer.