BCA–01/DCA–101

December – Examination 2023

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)　Define Computer Software.

　(ii)　Give four examples of input and output devices.

(iii) What is Operating System ? Explain any two types of Operating System.

(iv) What is WWW ?

(v) Explain Hacking. Write any *two* Antivirus Softwares.

(vi) What is E-Commerce ?

(vii) Write any *four* Internal DOS commands.

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. Explain different Generations of Computer.

3. Differentiate between Multi-User, Multi-Tasking and Multi-Programming Operating System.

4. What is a Computer Network ? How is it useful ?

5. Write short notes on :

(i) ISDN

(ii) Firewall

6. List three main characteristic features of Internet that define it.

7. What is Secondary Storage ? How is it differ from a Primary Storage ?

8. Explain BCD Code and EBCDIC code with suitable example.

9. Differentiate between LAN and MAN.

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. Discuss Block Diagram of Computer.

11. Explain Management Information System. Explain characteristic features of MIS and Application of MIS.

12. Discuss the various uses of E-Commerce.

13. Differentiate among simplex, half duplex and full-duplex modes of data transmission.