

CDOE
BACHELOR OF COMPUTER APPLICATIONS
B.C.A. Sem-VI : WINTER :- 2021
SUBJECT: MICROCOMPUTER & MAINTENANCE

Day : Thursday
Date 24-02-2022

W-5348-2021

Time : 02:00 PM-05:00 PM
Max. Marks: 80

N.B.:

- 1) Attempt any **FIVE** questions from Section –I and any **TWO** questions from Section –II.
- 2) Figures to the right indicate **FULL** marks.
- 3) Answers to both the sections should be written in **SAME** answer book.

SECTION-I

- Q.1** What is digital computer? Explain memory organization of it. (10)
- Q.2** Discuss various functional units of motherboard in brief. (10)
- Q.3** Explain overview of printer controller. (10)
- Q.4** Describe in detail working of CRT display. (10)
- Q.5** What do you mean by client server architecture? Give the need and advantages of it. (10)
- Q.6** What is an I/O controller? Explain FDD controller in brief. (10)
- Q.7** Write short notes on any **TWO** of the following: (10)
- a) Peer to peer network
 - b) SMPS
 - c) CPU

SECTION-II

- Q.8** Explain step by step procedure for installation of Windows XP operating system. (15)
- Q.9** As a network administrator you are assigned task of designing network of 100 computers. Which topology will you prefer? Why? List and explain different factors you will consider while designing network. (15)
- Q.10** List out various antivirus packages. Explain step by step procedure for installation of any antivirus package. (15)

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