

**S.D.E.**  
**B.C.A. (2004 Course Sem- VI : WINTER - 2018**  
**SUBJECT : MICROCOMPUTER & MAINTENANCE**

**Day** : Thursday  
**Date** : 29/11/2018

**W-2018-4530**

**Time** : 10.00 AM TO 1.00 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) Answer to both the sections should be written in **SEPARATE** answer book.
- 

**SECTION – I**

- Q.1** Explain bus structure of computer in detail. (10)
- Q.2** Explain the following. (10)
- i) Data bus logic
  - ii) Control bus logic
- Q.3** Explain various components of motherboard. (10)
- Q.4** With neat diagram explain working principle of CRT Controller. (10)
- Q.5** List out and explain various software faults in a computer. (10)
- Q.6** Explain function of HDD Controller in detail. (10)
- Q.7** Write short note on **ANY TWO** of the following. (10)
- i) SMPS
  - ii) Device Interface
  - iii) Trouble shooting

**SECTION – II**

- Q.8** Explain step by step installation process of Windows XP. (15)
- Q.9** What is meant by computer faults? Explain various hardware faults with suitable example. (15)
- Q.10** List of different Antivirus Packages. Write a step by step procedure for installation of any antivirus package. (15)

\* \* \* \* \*