[23 HKPD1SNP- 24M]

MA 1st Semester (NEP) Exam. 2023 (W)

COMPUTER (DSE)

(PC Software)

[CA, S1-04]

Full Marks : 50

Time : 2 hours

The figures in the right-hand margin indicate marks.

1. Answer any *four* from the following questions: $10 \times 4 = 40$

   (*a*) What is operating system ? Discuss the roles played by operating system.

   (*b*) Mention and explain the working principle of two common computer viruses.

   (*c*) Differentiate between spyware and adware. Describe briefly various defection mechanism used by antivirus software.

   (*d*) How do you define Cyber crime ? Describe the laws related to cyber crime in India.

   (*e*) What are document templates and how can they be useful in Libre Office Writer?

   (*f*) What is Libre Office Base ? State the features of Libre Office Base. How do you design tables in Base ?

2. Answer any *two* from the following questions: $5 \times 2 = 10$

   (*a*) Write the purpose of the following MS-DOS commands–

   RD, COPY, FORMAT, XCOPY, REN

(*b*) What is 'booting' of a computer system ? Write the steps associated with booting process.

(*c*) What is digital forgery ? Explain various types of digital forgery.

(*d*) What is a report in Libre Office Base ? Mention the steps to create a report in Libre Office Base.