[24-HKUD1SN-24J (M2)]

BCA 1st Semester (NEP) Exam. 2024 (S2)

BCA

(*Computer Fundamentals and PC Software*), (Major)

[UG, CA, S1-01]

Full Marks : 70

Time : 3 hours

The figures in the right-hand margin indicate marks.

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

   (*a*) Mention two examples of Computer in First generation.

   (*b*) Write the basic difference between RAM and ROM.

   (*c*) What are document templates in Libre Office Writer ?

   (*d*) Write the purpose of following three commands in Linux-

   (*i*) grep

   (*ii*) chmod

   (*iii*) ls

   (*e*) Mention two built-in functions in calc with their purposes.

   (*f*) What are open source and free software ?

2. Answer any *six* from the following questions : $4 \times 6 = 24$

   (*a*) Discuss computer memory hierarchy.

   (*b*) Describe in brief Flynn's classification of computer.

(*c*) What is bus ? Explain in brief various types of buses available in computer system.

(*d*) Discuss the key features of Windows operating system.

(*e*) Mention the purpose of Libre Office software. What are the components of Libre Office ?

(*f*) What are the different types of views of Impress presentation ? How do you create a new slide in Impress ?

(*g*) Discuss the various components of Libre Office Writer interface.

3. Answer any *six* from the following questions : $6 \times 6 = 36$

(*a*) Discuss about different classes of computer based on their size and power.

(*b*) Write short notes on (any *two*) : $2 \times 3 = 6$

(*i*) Scanner

(*ii*) ROM

(*iii*) MICR

(*c*) What is file permission ? Discuss various file permissions available in Linux with example.

(*d*) Explain the basic advantages of Libre Office software over other popular office suites.

(*e*) Discuss some notable features of Libre Office Impress.

(*f*) What is the basic application of Libre Office Base ? Mention the basic steps involved in creating a form using the Form Design View.

(*g*) State the difference between Impact and non Impact Printers. Discuss about Dot Matrix Printer and Laser Printer.
