47722/A0220

Reg. No. ☐☐☐☐☐☐☐☐

I Semester B.C.A. 6. (NEP) Degree Examination, April - 2023
FUNDAMENTALS OF COMPUTER
(Repeater/Regulars)

Time : 2 Hours   **Maximum Marks : 60**

Instructions to Candidates :
   1.   *All questions are compulsory, subject to internal choice.*
   2.   *Draw the diagrams wherever necessary.*

1. Answer any **six** questions.   (6×2=12)

   a.   What is the use of projector?

   b.   What was the basic material used in I generation computer.

   c. $1AF_{(16)} =$ _____ $_{(2)}$

   d.   Define flow chart.

   e.   What do you mean by booting?

   f.   Write the purpose of WC command in unix.

   g.   Expand DDL, DML.

   h.   Name any two web browsers.

2. Answer any **three** questions.   (3×4=12)

   a.   Describe III and IV generation computers.

   b.   Explain mainframe and super computers.

   c.   Explain any two secondary storage devices.

   d.   Briefly explain how the CPU works.

3. Answer any **three** questions.   (3×4=12)

   a.   Convert the following.

     i. $11011_{(2)} =$ _____ $_{(10)}$

     ii. $426_{(10)} =$ _____ $_{(2)}$

P.T.O.

   b.   Describe BCD and Gray code with example.

   c.   Distinguish between Intrepreter and compiler.

   d.   What is flow chart? List its advantages.

4.   Answer any **three** questions.   (3×4=12)

   a.   Discuss any two types of operating systems.

   b.   Define the terms application software and system software.

   c.   Explain the structure of Unix.

   d.   Explain the following commands with syntax and example

      i.   Cat.

      ii.   Who.

      iii. Head.

      iv. Tail.

5.   Answer any **three** questions.   (3×4=12)

   a.   Discuss about different end users of database system.

   b.   Explain DML and DCL.

   c.   List the advantages and disadvantages of Internet.

   d.   What are logical and physical addresses in Internet.