IV Semester B.C.A. Examination, August/September 2023
(NEP)
COMPUTER SCIENCE
4.3 : Internet Technologies

Time : 2½ Hours   Max. Marks : 60

Instruction : *Answer* **any four** *questions from* **each** *Sections.*

SECTION – A

I. Answer **any four** questions. **Each** question carries 2 marks.   (4×2=8)
  1) Define cookies.
  2) What is scripting language ?
  3) Define :
     a) Internet   b) WWW
  4) What is protocol ? Name any two.
  5) What is domain name ? Name any two.
  6) Name any 4 web designing tools.

SECTION – B

II. Answer **any four** questions. **Each** question carries 5 marks.   (4×5=20)
  7) What is HTML ? Explain any 4 tags with example.
  8) Explain HTTP request method.
  9) What is CSS ? Explain different types of CSS.
  10) Differentiate client and server side scripting.
  11) Explain the applications of internet.
  12) What is online certification ? Explain.

SECTION – C

III. Answer **any four** questions. **Each** question carries 8 marks.   (4×8=32)
  13) Write a program to create time table using table tag in HTML.
  14) Explain web frame work with neat diagram.
  15) With the neat diagram explain internet architecture.
  16) a) Distinguish between SQL and NOSQL data base.
      b) Explain query processing.   (4+4)
  17) a) Explain the types of cookies.
      b) Write the steps to create an application using Angular JS.
  18) Explain Model-View-Controller Architecture (MVC) with neat diagram.   8