V Semester B.C.A. Examination, February/March 2024
(NEP) (Freshers)
COMPUTER SCIENCE
Web Programming

Time : 2½ Hours

Max. Marks : 60

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

SECTION – A

I. Answer **any four** questions. **Each** question carries **2 marks.**　　　　(4×2=8)

1) What is DOM ?

2) What is a Web Server and Web Browser ?

3) Differentiate between HTML and XML.

4) What are dynamic documents in Web development ?

5) Which data types are supported in PHP ?

6) What is function ? How to define it in PHP ?

SECTION – B

II. Answer **any four** questions. **Each** question carries **5 marks.**　　　　(4×5=20)

7) What are events and how are they handled in JavaScript ?

8) Design an HTML form to accept username and password and perform validation using JavaScript.

9) Discuss the role of XSLT style sheets in displaying and transforming XML documents.

10) Explain various looping statements in PHP with an example.

11) What are cookies ? How to create and delete a cookie in PHP ?

12) List and explain all types of date and time function in PHP.

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SECTION – C

III. Answer **any four** questions. **Each** question carries **8** marks.   **(4×8=32)**

13) Explain the method and properties used for DOM tree traverse and modify using JavaScript.   **8**

14) What are the various methods to access the HTML form elements using JavaScript ?   **8**

15) Write a short note on

   a) DTD

   b) XML Schema.   **(4+4)**

16) a) Compare the uses of echo and print commands in PHP.

   b) Differentiate between constant and variable in PHP.   **(4+4)**

17) Outline the steps involved in connecting to a database using PHP.   **8**

18) Explain in detail different types of arrays in PHP with examples.   **8**

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