



NP – 401

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.

P.T.O.



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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