



NP – 414

V Semester B.C.A. Examination, January/February 2026
(NEP)
COMPUTER APPLICATION
Web Programming

Time : 2½ Hours

Max. Marks : 60

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

SECTION – A

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

- 1) Define Internet and WWW.
- 2) What is DNS ? Why it is required ?
- 3) What is JavaScript ?
- 4) What is DTD ? Mention its importance.
- 5) What is dynamic typing in PHP ? Give an example.
- 6) What is an associative array ? Give an example.



SECTION – B

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

- 7) Explain event bubbling and event capturing.
- 8) Explain the position property with the types of positioning.
- 9) Write a PHP script to generate the fibonacci series.
- 10) Differentiate Call by Value and Call by Reference.
- 11) Illustrate the use of various array functions with an example each.
- 12) Describe the mechanism of cookies exchange between a client and server in web application.

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SECTION – C

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

- 13) Explain the various methods of accessing the HTML form elements using JavaScript. **8**
- 14) a) Differentiate echo and print commands of PHP. **4**
- b) Explain the following : **(2+2)**
- i) Apache HTTP Server
- ii) Microsoft Internet Information Services.
- 15) Explain the basic syntax of XML with syntax rules. **8**
- 16) Explain variable scope with its types and an example each. **8**
- 17) Explain various conditional statements of PHP with an example each. **8**
- 18) Analyse the role of custom exceptions in PHP and how they enhance error handling applications ? **8**

