(T) Roll No. .....

PAPER ID—11161

Bachelor of Technology (Computer Science & Engineering)

EXAMINATION, 2024

(Fifth Semester)

WEB TECHNOLOGY

Time : 3 *Hours* *Maximum Marks :* 70

Before answering the question-paper candidates should ensure that they have been supplied to correct and complete question-paper. No complaint, in this regard, will be entertained after the examination.

Note : Attempt *Five* questions in all, selecting *one* question from each Section. Q. No. 1 is compulsory. All questions carry equal marks.

1. (a) Explain <frame> tag with its attributes.

(b) List types of style sheets.

(c) What is the difference between GET and POST methods in JavaScript ?

(d) What is DATE object in JavaScript ?

(e) What is the use of $ symbol in PHP ? Give example.

(f) What is the difference between PHP and JavaScript ?

(g) What is XML element ? 7×2=14

Section A

2. (a) Define Form tag. Design a Registration page by using all Form control. 7

(b) Discuss the creation of HTML document with frames. 7

3. What are cascading stylesheets ? List different ways to apply CSS to HTML document with suitable example. 14

Section B

4. (a) Discuss different types of conditional statements in PHP. 7

   (b) Write a PHP script to open, close, read and write a file. 7

5. (a) What is $ session in PHP ? Explain by writing a program. 7

   (b) Explain the database connection steps using PHP and give an example. 7

Section C

6. Explain different data types, operators and control structures in JavaScript. 14

7. (a) Write a JavaScript code which checks the contents entered in a form text element. If the text entered is in the lower cases convert to upper case. 7

(b) Write a JavaScript code to find sum of N natural numbers using user defined function. 7

Section D

8. (a) Define DTD and mention its components. 7

(b) What is XML Element ? Explain various rules while writing XML. 7

9. (a) What is schema in XML ? Explain restriction of the data with an example. 7

(b) Build XSLT code to display Employee details in a table form which is stored in XML. 7