Roll No…….. **Total No. of Printed Pages: [01]**
Total No. of Questions: [09]

B.Sc. IT (Semester – 5th)
WEB TECHNOLOGIES
Subject Code: BITE1-522
Paper ID: [130426]

Time: 03 Hours **Maximum Marks: 60**

Instruction for candidates:

1. Section A is compulsory. It consists of 10 parts of two marks each.
2. Section B consist of 5 questions of 5 marks each. The student has to attempt any 4 questions out of it.
3. Section C consist of 3 questions of 10 marks each. The student has to attempt any 2 questions.

Section – A **(2 marks each)**

Q1. Attempt the following:
a) What is a Web Server?
b) How does a Web Client communicates with a Web Server?
c) How can you create a table in HTML with Header and Body elements of the table?
d) Why do we even need JavaScript for web pages?
e) Explain the JavaScript date objects with example code.
f) What is role of a Submit Button in HTML Form?
g) What are JavaScript events? Explain.
h) What is a cascading style sheet? Explain.
i) What are the different Heading elements in HTML? Explain.
j) How can you set the Background Color in a Table? Explain with example.

Section – B **(5 marks each)**

Q2. How can you add an Image as a hyperlink to an HTML page? Explain with code.
Q3. Explain the Select and Multi Choice Select List element of HTML forms with example.
Q4. How can you use ROWSPAN and COLSPAN in a table? Give an example. Also use Cell Spacing with ROWSPAN and COLSPAN attributes in your example.
Q5. Explain the Ordered and Unordered HTML lists in detail.
Q6. Explain the Checkbox element, Radio element and Text Area Element of HTML Forms with the example code.

Section – C **(10 marks each)**

Q7. Write the advantages and disadvantages and uses of JavaScript?
Q8. Create a Student Table with header RollNo, Name, Class, Marks. The Marks column will be further divided into three columns for each row. The Background color of each RollNo entry must be Grey color. Table must contain 5 rows of meaningful data. Write complete HTML code for this scenario.
Q9. Create a Login Form in HTML. Your form must have username and password labels along with corresponding input fields. The password must not be visible. Include a Checkbox labeled “Forgot Password?”. There must be a button named Login which user will press to Login. You just need to design the form. No need to handle the login functionality.