Roll No. ☐☐☐☐☐☐☐☐☐☐☐☐☐   Total No. of Pages : 02

Total No. of Questions : 09

B.Tech. (CSE) (Sem.–5)
WEB TECHNOLOGIES
Subject Code : BTCS 520-18
M.Code : 78326
Date of Examination : 28-06-2023

Time : 3 Hrs.   Max. Marks : 60

INSTRUCTIONS TO CANDIDATES :
1. SECTION-A is COMPULSORY consisting of TEN questions carrying TWO marks each.
2. SECTION-B contains FIVE questions carrying FIVE marks each and students have to attempt any FOUR questions.
3. SECTION-C contains THREE questions carrying TEN marks each and students have to attempt any TWO questions.

SECTION-A

1. Write briefly :

   a) How would you define the role of Java Script? Write in brief about its versions.

   b) Write down the full form of PHP? List all the data types supported by PHP?

   c) What is the purpose of XMLHttpRequest?

   d) Why proxy servers are used?

   e) Write HTML code for creating a hyperlink.

   f) Comment on the Case-sensitivity of CSS.

   g) Write the real web applications of AJAX currently running in the market?

   h) Why one should prefer JSON over XML? Justify.

   i) Differentiate between = = and = = =.

   j) How can you use CSS to control image repetition?

2. **Write CSS code for the following :**

   a) Set the background color of a page.

   b) Position the background image on top left.

   c) Set and apply four borders around text.

3. Write down 4 HTML audio/video methods and explain them using code.

4. Explain various string functions of PHP with example.

5. How will you generate a dialogbox using JavaScript? Give example.

6. Write down the advantages and disadvantages of AJAX.

SECTION-C

7. **Answer the following :**

   a) Write code to embed PHP code in an HTML page?

   b) List the main types of errors in PHP and explain their differences.

8. Write code of functionality of JSON with AJAX? How it improves the performance of a website. Explain with programming illustration.

9. **Answer the following :**

   a) How CSS3 is better than previous version? What are its features?

   b) How to include CSS in the webpage? How would you set margins, padding, positioning, and text formatting using CSS? Write code to justify your answer.

NOTE : Disclosure of Identity by writing Mobile No. or Making of passing request on any page of Answer Sheet will lead to UMC against the Student.