Code No.: CY702PC/AI701PC | R20 | H.T.No. | | | 8 | R | | | | | |

CMR ENGINEERING COLLEGE: : HYDERABAD
UGC AUTONOMOUS
IV–B.TECH–I–Semester End Examinations (Regular) - November- 2023
WEB TECHNOLOGIES
(Common for CSM, CSC)

[Time: 3 Hours]   [Max. Marks: 70]

Note: This question paper contains two parts A and B.
Part A is compulsory which carries 20 marks. Answer all questions in Part A.
Part B consists of 5 Units. Answer any one full question from each unit. Each question
carries 10 marks and may have a, b, c as sub questions.

PART-A   (20 Marks)

1. a) How to connect MYSQL using with PHP? Write a program to execute a simple   [2M]
   query?
   b) How Strings are declared in PHP?   [2M]
   c) Define frame and table.   [2M]
   d) How to define complex elements in XML Schema?   [2M]
   e) Name two CGI environmental variables.   [2M]
   f) Mention some uses of servlet.   [2M]
   g) What is a session? How to share the session data between JSP pages?   [2M]
   h) List the JSP implicit objects.   [2M]
   i) What are the literals used in JavaScript?   [2M]
   j) What is the difference between undefined and defined in JavaScript?   [2M]

PART-B   (50 Marks)

2. Explain the process of Reading data from web form controls like text boxes, radio   [10M]
   buttons, and lists.

OR

3. a) Explain functions and arrays in PHP with examples.   [5M]
   b) Write a PHP code to find whether a string is palindrome or not.   [5M]
4. Explain List, Form and Image tags in HTML.   [10M]

OR

5. Describe different types of CSS with syntax and also explain the following terms   [10M]
   related to CSS.
   (i) Font size
   (ii) Font weight
   (iii) Font stretch
   (iv) Text decoration
   (v) Text transformation

6. Mention two web servers that support CGI programming.   [10M]

OR

7. Draw and explain the life cycle of the servlets.   [10M]
8. Draw and explain JSP page translation and processing phases.   [10M]

OR

9. Explain the JSP Application Design with MVC.   [10M]

10. Write a Java Script to validate a form consisting of a hall ticket number as User Name   [10M]
    and Mobile Number as password. Also navigate to another web page after validation.

OR

11. Describe the built-in Objects in JavaScript.   [10M]

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