Code No.: CS603PC/AD603PC   R20   H.T.No. [ ][ ][8][R][ ][ ][ ][ ][ ]

CMR ENGINEERING COLLEGE: : HYDERABAD
UGC AUTONOMOUS
III–B.TECH–II–Semester End Examinations (Supply) - December- 2025
WEB TECHNOLOGIES
(Common for CSE, IT, CSD, AI&DS)

[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.

<u>**PART-A**</u>   **(20 Marks)**

1. a) List different data types in PHP.   [2M]
   b) Explain the structure of PHP script with an example.   [2M]
   c) Describe unordered list in HTML.   [2M]
   d) Write in brief about XHTML.   [2M]
   e) Explain the uses of Servlets.   [2M]
   f) Write the purpose of cookies.   [2M]
   g) List out the JSP directives.   [2M]
   h) What are Java Beans?   [2M]
   i) How to declare variable in Java script?   [2M]
   j) Explain the features of Java Script.   [2M]

<u>**PART-B**</u>   **(50 Marks)**

2. a) Explain the execution of queries in PHP.   [5M]
   b) Discuss about various functions used in PHP with examples.   [5M]
                                 OR
3.   List and explain different file handling operations in PHP.   [10M]

4.   Explain and differentiate between the DOM and SAX Parsers in java.   [10M]
                                 OR
5. a) Give an overview of basic XML tags.   [5M]
   b) Explain the XML schema languages in detail.   [5M]

6.   Explain the Life cycle of a Servlet.   [10M]
                                 OR
7. a) How to handle http request and responses? Explain.   [7M]
   b) Explain about the usage of cookies and sessions.   [3M]

8. a) How to create the database connectivity in JSP?   [5M]
   b) Explain the process of creation and usage of Java Beans in a JSP page. [5M]
                                 OR
9. a) Illustrate about the anatomy of a JSP page.   [7M]
   b) Explain about session tracking with example.   [3M]

10.   Explain about Document Object Model in JavaScript in detail.   [10M]
                                 OR
11. a) Discuss the event handlers in JavaScript.   [5M]
    b) How to define functions in Java Script and describe the scope of variables. [5M]
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