

CMR ENGINEERING COLLEGE: : HYDERABAD
UGC AUTONOMOUS
IV-B.TECH-I-Semester End Examinations (Supply) - December- 2025
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 declare an array in PHP?	[2M]
b)	Define directories? How to listing directories using PHP?	[2M]
c)	What is an XML DOM? How DOM parses the XML file?	[2M]
d)	How to define complex elements in XML Schema?	[2M]
e)	What are the two objects that a servlet receives when it accepts a call from client?	[2M]
f)	What is the purpose of the content type header in CGI programs?	[2M]
g)	How to deal with syntax errors in JSP page?	[2M]
h)	Give a brief note on Anatomy of a JSP Page	[2M]
i)	How dynamic pages created using java script? Give an example	[2M]
j)	How to inserting JavaScript Code?	[2M]

PART-B**(50 Marks)**

2. List and explain different file handlings in PHP. [10M]

OR

3. Define operator? Explain different operators used in PHP. [10M]

4. Consider XML document with the following schema: [10M]

[Sl.no, name (First name, last name), Address].

Write DTD for the above schema.

OR

5. Explain about CSS in detail. Create a CSS file with different properties [10M]

6. With the help of neat diagram, explain the servlet architecture. [10M]

OR

7. Differentiate between the single threaded and multi threaded servlet method [10M]

8. Discuss about various categories of JSP tags. Explain each of them with syntax and suitable examples. [10M]

OR

9. Assume that you have a valid database of B.Tech. Write a JSP program for the result portal. [10M]

10. Describe about form validation concept in JavaScript. Explain with an example program [10M]

OR

11. Explain about Document Object Model in JavaScript in detail. [10M]
