

## CMR ENGINEERING COLLEGE: : HYDERABAD

## UGC AUTONOMOUS

## III-B.TECH-II-Semester End Examinations (Supply) - June- 2025

## WEB TECHNOLOGIES

(Common for CSE, IT, CSD, AI&amp;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.

**PART-A****(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 about XHTML. [2M]
- e) What are the uses of Servlets. [2M]
- f) Write the purpose of cookies. [2M]
- g) List out JSP directives. [2M]
- h) What is Java Beans? [2M]
- i) How to declare variable in Java script? [2M]
- j) What are the features of Java Script. [2M]

**PART-B****(50 Marks)**

- 2.a) Explain the execution of MYSQL database 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 the DOM and SAX Parsers in java. [10M]
- OR**
- 5.a) Give an overview of defining basic HTML tags. [5M]
  - b) Explain the XML schema language in detail. [5M]
- 6.a) Explain the Common Gateway Interface. [5M]
  - b) Discuss the Life cycle of a Servlet. [5M]
- OR**
- 7.a) How to handle http request and responses in Servlets? [5M]
  - b) Describe cookies and sessions in Servlets. [5M]
- 8.a) Illustrate how to connect the database in JSP. [5M]
  - b) Explain the creation and usage of Java Beans in a JSP page. [5M]
- OR**
- 9.a) Explain the anatomy of a JSP page. [5M]
  - b) Describe how sessions are used for session tracking in JSP. [5M]
10. Explain about Document Object Model in JavaScript in detail. [10M]
- OR**
- 11.a) Discuss the event handlers in JavaScript. [5M]
  - b) How do we define functions in Java Script and describe the scope of variables. [5M]

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