



# MARRI LAXMAN REDDY INSTITUTE OF TECHNOLOGY AND MANAGEMENT

(AN AUTONOMOUS INSTITUTION)

(Approved by AICTE, New Delhi &amp; Affiliated to JNTUH, Hyderabad)

Accredited by NBA and NAAC with 'A' Grade &amp; Recognized Under Section 2(f) &amp; 12(B) of the UGC act, 1956

III B.Tech I Sem Supply End Examination, July 2022

## Web Technologies

(CSE)

Time: 3 Hours.

Max. Marks: 70

Note: 1. Question paper consists: Part-A and Part-B.

2. In Part – A, answer all questions which carries 20 marks.

3. In Part – B, answer any one question from each unit.

Each question carries 10 marks and may have a, b as sub questions.

### PART- A

(10\*2 Marks = 20 Marks)

- |       |  |    |     |     |
|-------|--|----|-----|-----|
| 1. a) | What are the different types of expressions in PHP?  | 2M | CO1 | BL1 |
| b)    | How can we create a database using PHP and MySQL?    | 2M | CO1 | BL1 |
| c)    | Define XML? What are the advantages of XML?          | 2M | CO2 | BL1 |
| d)    | Define HTML TABLE tags.                              | 2M | CO2 | BL1 |
| e)    | Explain about Servlet.                               | 2M | CO3 | BL4 |
| f)    | List different types of statements in JDBC?          | 2M | CO3 | BL1 |
| g)    | How many JSP scripting elements and what are they?   | 2M | CO4 | BL1 |
| h)    | Define how to open a database connection using JDBC. | 2M | CO4 | BL1 |
| i)    | Define how to create a Date Object?                  | 2M | CO5 | BL1 |
| j)    | Explain about Events in JavaScript.                  | 2M | CO5 | BL4 |

### PART- B

(10\*5 Marks = 50 Marks)

- |       |   |    |     |     |
|-------|---|----|-----|-----|
| 2. a) | Explain about various operators in PHP. | 5M | CO1 | BL4 |
| b)    | Write about PHP File Handling.          | 5M | CO1 | BL1 |

OR

- |       |  |     |     |     |
|-------|--|-----|-----|-----|
| 3.    | List and explain about control statements in PHP. Give an example program. | 10M | CO1 | BL4 |
| 4. a) | Explain types of CSS in a web document.                                    | 5M  | CO2 | BL4 |
| b)    | Write about HTML Forms with an example.                                    | 5M  | CO2 | BL1 |

OR

- |    |  |     |     |     |
|----|--|-----|-----|-----|
| 5. | Define the SAX Parser in XML. Explain in detail. | 10M | CO2 | BL4 |
|----|--|-----|-----|-----|

- 6 a) What is Servlet? Explain life cycle of a Servlet? 5M C03 BL4  
b) What are the advantages of Servlets over CGI? 5M C03 BL1
- OR**
- 7 List and explain the classes and interfaces of javax.servlet package. 10M C03 BL4
- 8 a) List the different Action Tags used in JSP with their functionality. 5M C04 BL1  
b) Discuss in detail about JSP Scripting Elements with example programs. 5M C04 BL2
- OR**
- 9 List the types of JSP Implicit Objects. Explain with a program. 10M C04 BL4
- 10 a) Build a java script code that read five integers and display the largest and smallest integers from the given integers. 5M C05 BL5  
b) Explain how form validation is done in Java Script. 5M C05 BL4
- OR**
- 11 Discuss in detail about any 5-Java Script Objects with an example. 10M C05 BL2

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