

BACHELOR OF TECHNOLOGY (CECS) (2021-COURSE)
B. Tech. Sem - VI Computer Science & Business Systems : SUMMER : 2025
SUBJECT: MODERN WEB APPLICATIONS

Day : Thursday
Date : 05/06/2025

S-24188-2025

Time : 02:30 PM-05:30 PM
Max. Marks : 60

N.B.

- 1) All questions are **COMPULSORY**
- 2) Figures to the right indicate **FULL** marks.
- 3) Assume suitable data if necessary.

- Q.1** What is an Internet? Write in detail about the characteristics of Web applications. (10)
- OR**
- Q.1** Write short notes on the following : (10)
i) Uniform resource Locator ii) Web Browsers.
- Q.2** Write the basic structure of HTML document and explain all the formatting tags in HTML. (10)
- OR**
- Q.2** Describe HTML and also give an example. List the advantages and limitations of HTML. (10)
- Q.3** Create a 'Registration Form' with the following fields : name, password, e-mail id, phone number, gender, date of birth, language known, address. Write a Javascript code to validate this form. (10)
- OR**
- Q.3** Write a program in Javascript which includes JS button JS popover. Consider any suitable examples of website requirement. (10)
- Q.4** Write a short note on any **TWO** of the following: (10)
a) XML
b) XSL
c) DTD
- OR**
- Q.4** Give the significance of XML schema and enlist the features of XML. (10)
- Q.5** Write a PHP program for the following : (10)
i) To merge two arrays into a new array.
ii) To print mathematical table of a number.
- OR**
- Q.5** Write in detail about the following with examples : (10)
i) PHP operators ii) PHP functions.
- Q.6** How to manipulate data in MySQL using PHP? Support your answer with examples. (10)
- OR**
- Q.6** What is PHP session? How to create a new PHP Session? Describe with example. (10)

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