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Question Paper Code	12232
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B.E. / B.Tech - DEGREE EXAMINATIONS, NOV / DEC 2023

Eighth Semester

Information Technology

IT8078 - WEB DESIGN AND MANAGEMENT

(Regulations 2017)

Duration: 3 Hours

Max. Marks: 100

PART - A (10 × 2 = 20 Marks)

Answer ALL Questions

- | | <i>Marks,
K-Level, CO</i> |
|--|-------------------------------|
| 1. State the functionalities of a web client. | 2,K1,CO1 |
| 2. How will you create a password field in a HTML form? | 2,K2,CO1 |
| 3. Define CSS and write its syntax. | 2,K1,CO2 |
| 4. Summarize the features of JavaScript. | 2,K1,CO2 |
| 5. Define Saas and write its syntax. | 2,K1,CO3 |
| 6. State the reason why mobile based responsive web site need to be developed first. | 2,K2,CO3 |
| 7. Explain the 80/20 rule of project requirements. | 2,K2,CO4 |
| 8. List the phases of testing. | 2,K1,CO4 |
| 9. What is content management system? | 2,K1,CO5 |
| 10. Mention the various ways to hosting web applications. | 2,K1,CO5 |

PART - B (5 × 13 = 65 Marks)

Answer ALL Questions

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| 11. a) (i) Explain the functionalities of a web server. | 5,K2,CO1 |
| (ii) Describe the anatomy of a web page and the steps involved in the communication between the client and server. | 8,K2,CO1 |

OR

- | | |
|---|-----------|
| b) Write an html code to create a registration form for an educational web site with E-Learning resources. All form controls should have appropriate name attributes. Use get Method for form submission, and specify an empty string for action attribute. | 13,K2,CO1 |
| 12. a) Explain different types of style sheets with examples. | 13,K3,CO2 |
- OR**
- | | |
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| b) (i) Write short notes on JavaScript built-in objects. | 5,K1,CO2 |
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(ii) Illustrate CSS transitions and transformation properties with examples. 8,K3,CO2

13. a) Illustrate mobile first or desktop first responsive web design with an example. 13,K3,CO3

OR

b) Compare and contrast CSS grid and CSS frameworks in responsive web design. 13,K3,CO3

14. a) Describe the phases of project life cycle. Explain each phase with neat sketch. 13,K2,CO4

OR

b) Discuss in detail about the requirements document structure and requirements writing principles with example. 13,K2,CO4

15. a) Discuss about Word Press content management system. 13,K2,CO5

OR

b) Examine the functions of floating and positioning tags with example. 13,K3,CO5

PART - C (1 × 15 = 15 Marks)

16. a) Discuss in detail about creating a testing checklist for analyzing web design applications. 15,K2,CO6

OR

b) (i) Examine the tricks used to handling out-of-scope client requests in web design projects. 7,K2,CO6

(ii) Analyze the importance of understanding change orders in web applications. 8,K3,CO6