

Reg. No.

Question Paper Code

11883

B.E. / B.Tech. - DEGREE EXAMINATIONS, APRIL / MAY 2023

Sixth Semester

Electronics and Communication Engineering

20ITOE903 – WEB DESIGN

(Regulations 2020)

Duration: 3 Hours

Max. Marks: 100

PART - A (10 × 2 = 20 Marks)

Answer ALL Questions

- | | <i>Marks,
K-Level, CO</i> |
|--|-------------------------------|
| 1. What is the purpose of canvas in HTML5? | 2,K1,CO1 |
| 2. How to set an image as link? | 2,K1,CO1 |
| 3. What is Frame? Give an example. | 2,K1,CO2 |
| 4. Differentiate id selector and class selector. | 2,K2,CO2 |
| 5. List any four methods of date object. | 2,K1,CO3 |
| 6. What are called as Servlets? | 2,K1,CO3 |
| 7. Explain DTD for XML Schemas. | 2,K2,CO4 |
| 8. What is meant by XSLT? | 2,K1,CO4 |
| 9. What is called as client side scripting? | 2,K1,CO5 |
| 10. Define web server. | 2,K1,CO5 |

PART - B (5 × 13 = 65 Marks)

Answer ALL Questions

- | | |
|---|-----------|
| 11. a) Explain client side scripting and server side scripting in detail. | 13,K2,CO1 |
| OR | |
| b) Explain the different types of lists used in HTML with examples. | 13,K2,CO1 |
| 12. a) Design a website for an online super market. Your website should have a home page which helps the users to navigate to various other pages. Every web page in the website should give a detailed description of different items available in the super market. Make the website user friendly by adding relevant images and other formatting options. The last web page should present a feedback form for the customer. | 13,K2,CO2 |
| OR | |
| b) Discuss and explain the CSS rule and various CSS selectors with examples. | 13,K2,CO2 |

K1 – Remember; K2 – Understand; K3 – Apply; K4 – Analyze; K5 – Evaluate; K6 – Create

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13. a) (i) Explain about the functions in JavaScript with examples. 7,K2,CO3
(ii) Write JavaScript to find sum of first 'n' odd number and display the result. Get the value of 'n' from user. 6,K2,CO3

OR

- b) Explain life cycle of a servlet with an example program. 13,K2,CO3

14. a) (i) Explain in detail about the building blocks of XML. 6,K2,CO4
(ii) Give an example for Valid and Well formed XML document. 7,K2,CO4

OR

- b) (i) Discuss in detail about DTD with a suitable example program. 7,K2,CO4
(ii) Explain attributes and entities in XML. 6,K2,CO4

15. a) Explain in detail the working of HTTP request and response with an example. 13,K2,CO5

OR

- b) Discuss about XHTML and PHP in detail with an example program. 13,K2,CO5

PART - C (1 × 15 = 15 Marks)

16. a) Develop an interactive web page for online ticket reservation using HTML form elements. 15,K3,CO6

OR

- b) Get the students' details like name, register number and mark using form. Generate DTD for this XML document. 15,K3,CO6

Name	Reg. no	Mark
XYZ	1000	90
ABC	1001	80
RST	1002	89
PQR	1003	87

Generate the collected information in the descending order of marks using XSLT. Results should be displayed in the above format. Write a source code and explain the same.