Reg.No.: | | | | | | | | | | | | |

**VIVEKANANDHA COLLEGE OF ENGINEERING FOR WOMEN**
[AUTONOMOUS INSTITUTION AFFILIATED TO ANNA UNIVERSITY, CHENNAI]
Elayampalayam – 637 205, Tiruchengode, Namakkal Dt., Tamil Nadu.

**Question Paper Code: 13012**

B.E. / B.Tech. DEGREE END-SEMESTER EXAMINATIONS – MAY / JUNE 2024
Fifth Semester
Computer Science and Technology
U19CT509 – INTERNET PROGRAMMING
(Regulation 2019)

Time: Three Hours                                           Maximum: 100 Marks

Answer ALL the questions

| Knowledge Levels (KL) | K1 – Remembering | K3 – Applying | K5 - Evaluating |
|---|---|---|---|
| | K2 – Understanding | K4 – Analyzing | K6 - Creating |

## PART – A

(10 x 2 = 20 Marks)

| Q.No. | Questions | Marks | KL | CO |
|---|---|---|---|---|
| 1. | Difference between Internet and Intranet. | 2 | K1 | CO1 |
| 2. | Write the purpose of the "alt" attribute in an HTML image tag. | 2 | K2 | CO1 |
| 3. | List the concept of pseudo-elements in CSS. | 2 | K2 | CO2 |
| 4. | What is a CSS pseudo-class? | 2 | K2 | CO2 |
| 5. | What are the two types of API functions in Node.js? | 2 | K1 | CO3 |
| 6. | Difference between HTML and DHTML. | 2 | K2 | CO3 |
| 7. | Classify the difference between echo () & print () functions. | 2 | K3 | CO4 |
| 8. | What do you understand the term cookies? | 2 | K1 | CO4 |
| 9. | What is the role of SOAP and HTTP? | 2 | K2 | CO5 |
| 10. | What is the role of a callback function in performing a partial page update in an AJAX application? | 2 | K2 | CO5 |

1

## PART – B

5 x 13 = 65 Marks

| Q.No. | | | Questions | Marks | KL | CO |
|---|---|---|---|---|---|---|
| 11. | a) | i. | Explain the structure of the HTML webpage with an example. | 7 | K2 | CO1 |
| | | ii. | Discuss about List Tag with an suitable example. | 6 | | |

(OR)

| | b) | Explain the way in which data can be presented in a tabular form using HTML | 13 | K2 | CO1 |
|---|---|---|---|---|---|

**TIME TABLE**

| Day/Period | I 9:30-10:20 | II 10:20-11:10 | III 11:10-12:00 | 12:00-12:40 | IV 12:40-1:30 | V 1:30-2:20 | VI 2:20-3:10 | VII 3:10-4:00 |
|---|---|---|---|---|---|---|---|---|
| Monday | Eng | Mat | Che | | LAB | | | Phy |
| Tuesday | LAB | | | | Eng | Che | Mat | SPORTS |
| Wednesday | Mat | phy | Eng | LUNCH | Che | LIBRARY | | |
| Thursday | Phy | Eng | Che | | LAB | | | Mat |
| Friday | LAB | | | | Mat | Che | Eng | Phy |
| Saturday | Eng | Che | Mat | | SEMINAR | | | SPORTS |

| 12. | a) | Explain about Cascading Style Sheets with an suitable example. | 13 | K2 | CO2 |
|---|---|---|---|---|---|

(OR)

| | b) | i. | Explain the basics of popular CSS frameworks like Bootstrap, including their purpose, key features and how they can simplify and enhance web development. | 8 | K2 | CO2 |
|---|---|---|---|---|---|---|
| | | ii. | Discuss the concept of wildcard selectors in CSS, including their usage and limitations. | 5 | | |

| 13. | a) | List any four events associated with DHTML and explain each one with an example. | 13 | K2 | CO3 |
|---|---|---|---|---|---|

(OR)

| | b) | i. | Difference between the Java and Java script | 8 | K2 | CO3 |
|---|---|---|---|---|---|---|
| | | ii. | Name some of the built-in methods and the values returned by them. | 5 | | |

| 14. | a) | i. | Discuss on methods for using cookies in PHP. | 7 | K2 | CO4 |
|---|---|---|---|---|---|---|
| | | ii. | Give a note on regular expressions. | 6 | | |

(OR)

| | b) | Design application to send an email using PHP. | 13 | K4 | CO4 |
|---|---|---|---|---|---|

| 15. | a) | i. | Describe in detail about the AJAX architecture. | 7 | K4 | CO5 |
|---|---|---|---|---|---|---|
| | | ii. | List out the call back methods. | 6 | | |

(OR)

b) Describe Messaging protocol in web services with its functionalities     13    K3    CO5

## PART – C

(1 x 15 = 15Marks)

| Q.No. | Questions | Marks | KL | CO |
|---|---|---|---|---|
| 16. a) | Create a simple XML Http Request, and retrieve data from a TXT file and write function display the data when it request. | 15 | K3 | CO5 |

(OR)

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|---|---|---|---|---|
| b) | Develop a web application for Airline Reservation System using AJAX. | 15 | K5 | CO4 |

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