Avinashilingam Institute for Home science and Higher Education for Women
(Deemed to be University under Category 'A' by MHRD, Estd. u/s 3 of UGC Act 1956)
Re-accredited with A++ Grade by NAAC. Recognised by UGC Under Section 12B
Coimbatore - 641 043, Tamil Nadu, India
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Continuous Internal Assessment Test-II April 2025
SEMESTER-II

Class: I PG **Time: 2 hours**
Major : Information Technology **Max. Marks: 60**

23MITC09 - Internet and Web Programming

Course Outcomes:

CO1: Have a\knowledge in advanced techniques necessary for the development of web-based applications.
CO2: Apply stylesheets for processing, identifying, and presenting information in web pages.
CO3: Develop well-formed and browser-based documents utilizing XML and website using bootsrap.
CO4: Use scripting languages to transfer data and add interactive components to web pages.
CO5: Design a basic web site using Word press.

Part A **6 x1 =6**
Choose the correct answer

1. Which one of the following can be used to navigate through elements and attributes in XML document? CO3 K2
(a) XPATH (b) XQUERY (c) XSLT (d) DTD

2. A Document Type Definition (DTD) is a set of _____ that is used to define the type of document for an SGML Family Markup Language. CO3 K1
(a) markup definition (b) markup document (c) main declarations (d) markup declarations

3. Which of the following keyword is used to define a variable in Javascript? CO4 K1
(a) var (b) let (c) int (d) both a & b

4. Which of the following methods is used to access HTML elements using Javascript? CO4 K2
(a) getElementById() (b) getElementByClassName() (c) getElementByTag() (d) All the above

5. Word Press is a _____. CO5 K1
(a) Content Management System (CMS) (b) Framework (c) Scripting Language (d) Operating System

6. Permalink is _____. CO5 K2
(a) part of your wordpress URL which you set (b) a popular wordpress plugin
(c) numeric IP address of wordpress (d) complete of URL wordpress

Part B **3 x 6 = 18**
Answer the following
Answer should not exceed 200 words or one page

7. a. Explain XML Document type Definition with examples. CO3 K3
(OR)
b. What is XML parser? Discuss in detail. CO3 K4

8. a. Explain about Javascript document object model and MVC. CO4 K4
(OR)
b. Discuss about JQUERY AJAX with example. CO4 K4

9. a. Explain the steps for adding posts and pages in web pages using word press. CO5 K3
(OR)
b. Outline the steps followed for Website planning and hosting. CO5 K5

Part C **3 x 12 = 36**
Answer the following
Answer should not exceed 600 words or three pages

10 a. Explain: i) XML DOM ii) XPATH CO3 K5
(OR)
b. Create an XML bookstore program and display the XML content in web page using XSLT. CO3 K6

11. a. Demonstrate Javascript Exception Handling and Form Validation with suitable examples. CO4 K3
(OR)
b. Demonstrate expression and events in Angular JS. CO4 K3

12. a. Describe in detail about on-stage and off-stage SEO. CO4 K5
(OR)
b. Sketch the features of Content Management System

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