

**P.E.S. College of Engineering, Mandya - 571 401***(An Autonomous Institution affiliated to VTU, Belagavi)***Sixth Semester, B.E. - Information Science and Engineering****Semester End Examination; August - 2023****Internet Programming**

Time: 3 hrs

Max. Marks: 100

Course Outcomes*The Students will be able to:**CO1: Explain the World Wide Web and HTML / XHTML related tags.**CO2: Develop visual design using CSS.**CO3: Develop logic design using JavaScript.**CO4: Develop dynamic documents using DOM with elements.**CO5: Write well-formed extended tags for a given problem statements with XML & CSS style.***Note: I) PART - A is compulsory. Two marks for each question.****II) PART - B: Answer any Two sub questions (from a, b, c) for Maximum of 18 marks from each unit.**

Q. No.	Questions	Marks	BLs	COs	POs
I : PART - A		10			
1 a.	What is the necessity of URL?	2	L1	CO1	PO1
b.	List different types of lists.	2	L1	CO2	PO1
c.	List different applications of java script.	2	L1	CO3	PO1
d.	What is DOM?	2	L1	CO4	PO1
e.	What is the purpose of XSLT?	2	L1	CO5	PO1
II : PART - B		90			
UNIT - I		18			
2 a.	Explain MIME and web servers in detail.	9	L2	CO1	PO1
b.	Explain various phases of HTTP protocol.	9	L2	CO1	PO1
c.	Different table tags and attributes used in XHTML document.	9	L2	CO1	PO1
UNIT - II		18			
3 a.	Explain font properties and list properties with example.	9	L2	CO2	PO1
b.	Explain different levels of style sheets with examples.	9	L2	CO2	PO1
c.	Illustrate box model and background images with proper examples.	9	L2	CO3	PO1
UNIT - III		18			
4 a.	Explain various characteristics of java script with example.	9	L2	CO3	PO1
b.	Describe screen output and keyboard inputs in java script.	9	L2	CO3	PO1
c.	Explain arrays and functions used in java script with examples.	9	L2	CO3	PO1

UNIT - IV**18**

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|---|---|----|-----|-----|
| 5 a. Summarize element access in java script and handling elements from body elements in java script. | 9 | L2 | CO4 | PO1 |
| b. Explain how elements are moving with a simple program? | 9 | L2 | CO4 | PO1 |
| c. Illustrate stacking of elements with examples. | 9 | L2 | CO4 | PO1 |

UNIT - V**18**

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| 6 a. Explain syntax of XML and DTD structure with example. | 9 | L2 | CO5 | PO1 |
| b. Explain XML namespaces with example. | 9 | L2 | CO5 | PO1 |
| c. Illustrate XML processors with diagram and give a note on DTD. | 9 | L2 | CO5 | PO1 |

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