U.S.N ☐☐☐☐☐☐☐☐☐☐

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; July / Aug. - 2022
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**			
I a.	What is the purpose of the name server?	2	L1	CO1	PO1
b.	List the different levels of Style sheets.	2	L1	CO2	PO1
c.	What is the difference between = = and = = = in JavaScript.	2	L1	CO3	PO1
d.	What is an event?	2	L1	CO4	PO1
e.	What is the purpose of DTD?	2	L1	CO5	PO1
	II : PART - B	**90**			
	UNIT - I	**18**			
1 a.	Explain the request phase of hypertext transfer protocol.	9	L2	CO1	PO1
b.	Explain the different types of list with examples.	9	L2	CO1	PO1
c.	Create an XHTML document to accept Name, Gender, Address, Hobbies, password using Textbox.	9	L3	CO1	PO2
	UNIT - II	**18**			
2 a.	Explain different selector forms with examples.	9	L2	CO2	PO1
b.	Explain box model with neat diagram.	9	L2	CO2	PO1

c.	Create a nested list to display the list in given format
	
	A. General aviation
	  a. Single engineer craft
	    1. Tail wheel
	B. Commercial aviation
	  b. Diwali engine aircraft
	    1. Wing mounted engine
		9	L3	CO2	PO2

UNIT - III		**18**		
3 a.	Explain with example implicit and explicit type conversions.	9	L2	CO3 PO1
b.	Explain with examples characteristics of array objects and different methods of array.	9	L2	CO3 PO1
c.	Write JavaScript code for; Input: Three numbers using prompt to get each Output: Largest of three input numbers [Use predefined function Math.max]	9	L3	CO3 PO2
UNIT - IV		**18**		
4 a.	What are the possible ways elements can be accessed in JavaScript? Explain with example.	9	L2	CO4 PO1
b.	Explain stacking of elements with example.	9	L2	CO4 PO1
c.	Create a validator function to validate phone number Format ddd-ddd-ddd.	9	L3	CO4 PO2
UNIT - V		**18**		
5 a.	Explain with example how elements attributes and entities can be declared in XML.	9	L2	CO5 PO1
b.	Explain with example how XSLT processing happens on XML.	9	L2	CO5 PO1
c.	Create a DTD for student and XML document with two instances where students will have name, usn, course and apply CSS for all tags.	9	L3	CO5 PO2

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