**R16 WT Question Bank**

**Regulation: R16 Year: III-II**

**Subject/Laboratory name: WebTechnologies**

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**Unit-1**

1.(a) Create a simple HTML page which demonstrates the use of the various types of lists. [CO1,K6,5m]

(b) Compare and contrast HTML and DHTML. [CO1, K4,5m]

2.(a)Create an XHTML document that defines a table with columns for state, state bird, state flower, and state tree. There must be at least five states as rows in the table. You must include attribute specifications for cellpadding and cellspacing.[ CO1,K6,5m]

(b) Explain the following table properties [CO1,K2,5m]  
(i) cellpadding (ii) cellspacing (iii)rowspan (iv)colspan (v) border

3.(a) Explain the following terms related to CSS:[ CO1,K2,5m]  
i. Font size ii. Font weight iii. Text decoration iv. Text transformation v. Text alignment  
(b) Explain the various ways you can reference a colour in CSS. [CO1, K2,5m]

**Unit-2**

1.(a) Discuss about Date and Math Objects with suitable examples. [ CO2, K2,5m]

(b).Discuss about Number and Array Objects with suitable examples. [CO2, K2,5m]

2.(a). Implement a JavaScript which has event handlers for the buttons “red”, “blue”, “green”, “yellow” and “orange” which must produce messages stating the chosen favourite color. The event handler must be implemented as a function, whose name must be assigned to the onclick attribute of the radio button elements. The chosen colour must be sent to the event handler as a parameter. [CO2, K3,5m]

(b) Implement a JavaScript which asks the user to enter two integers, obtains the numbers from the user and outputs HTML text that displays the larger number followed by the words “LARGER NUMBER” in an information message dialog. If the numbers are equal, output HTML text as “EQUAL NUMBERS”. [CO2,K3,5m]

3.(a)Implement a javascript program to find sum to ‘n’ natural numbers. [CO2,K3,5m]

(b).Implement a javascript program to find whether given number is Armstrong or not?? [CO2,K3,5m]

**Unit-3**

**1.**(a) Give the syntax of an XML document and explain how a basic XML document  
is created with an example. [CO3,K1,5m]  
(b) What are the goals of XML?[ CO3,K1,5m]  
**2.**(a) Design an XML document to store information about patients in a hospital. Information about patients must include name(firs,last, middle), social security number, age, room number, primary insurance company-including member identification number, group number, phone number Make up sample data for at least four patients. [CO3,K6,5m]

(b) List the differences between XML and HTML. Give the use and applications of XML [CO3,K4,5m]

**3.**(a)Differentiate between Ajax and Non-Ajax session? CO3, [CO3,K4,5m]

(b)What is Ajax and what are the advantages of Ajax? [CO3,K1,5m]