



SB-3824
B. Sc. (IT) (Sem. IV) Examination
March / April – 2011
Paper-404 : Web Development - I

Time : 3 Hours]

[Total Marks : 70

Instructions :

(1)

<p>નીચે દર્શાવેલ નિશાનીવાળી વિગતો ઉત્તરવહી પર અવશ્ય લખવી. Fillup strictly the details of signs on your answer book.</p> <p>Name of the Examination : B. Sc. (IT) (Sem. 4)</p> <p>Name of the Subject : P-404 : Web Development - 1</p> <p>Subject Code No. : 3 8 2 4 Section No. (1, 2,.....): Nil</p>	<p>Seat No. : <input type="text"/><input type="text"/><input type="text"/><input type="text"/><input type="text"/><input type="text"/><input type="text"/></p> <div style="border: 1px solid black; border-radius: 15px; height: 60px; display: flex; align-items: center; justify-content: center; margin-top: 10px;">Student's Signature</div>
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- 1 Answer the following : (any two) 14
 - (i) Explain JavaScript expressions, data types, operators, Arrays, Conditionals, Loops with suitable example.
 - (ii) Explain Date and Time Validation using JavaScript.
 - (iii) What is Cookie ? Explain how to create, read, store and delete all cookie using JavaScript with suitable example.

- 2 Answer the following : 14
 - (i) Define Document Object Model ? Explain Document Object Model Object Hierarchy, Properties, Methods and Events in detail.
 - (ii) Explain with suitable code of JavaScript Browser detection, Browser compatibility. All details about the visitor's screen. History object, location object.

- 3 Answer the following (any two) 14
 - (i) Write JavaScript function that will change document's background colour every 5 seconds.

- (ii) Define Parsing XML DOM and describe Parsing XML document in JavaScript.
- (iii) Write Java Script which will take number and display Fibonacci in reverse.

4 Answer the following (any two) 14

- (i) Discuss XML Schema in detail.
- (ii) What is DTD ? Explain with suitable example.
- (iii) Discuss the advantages and disadvantages of XML compare to RDBMS.

5 Answer the following : 14

- (i) Discuss importance of XML in detail.
 - (ii) Write JavaScript function that will display Digital Clock in Text box.
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