BIRLA INSTITUTE OF TECHNOLOGY, MESRA, RANCHI
(END SEMESTER EXAMINATION MO/SP20)**

CLASS: BTECH   SEMESTER : V
BRANCH: IT   SESSION : MO/2022

SUBJECT: IT303 INTERNET AND WEB TECHNOLOGY
TIME: 03 Hours   FULL MARKS: 50

INSTRUCTIONS:
1. **The question paper contains 5 questions each of 10 marks and total 50 marks.**
2. **Attempt all questions.**
3. **The missing data, if any, may be assumed suitably.**
4. **Tables/Data handbook/Graph paper etc., if applicable, will be supplied to the candidates**

Q.1(a)	_____ allows the use of web applications while offline? [BT1][CO1][PO1]	[2]
Q.1(b)	Explain the difference and commonalities among Google Earth, Google Maps, and Mapquest? Explain GeoRSS and GeoTagging? [BT5][CO1][PO1]	[3]
Q.1(c)	Describe the benefits of software as a service. [BT5][CO1][PO1]	[5]
Q.2(a)	Describe all the attributes of Form element and their possible values with their meanings. [BT5][CO2,3][PO1,2,3]	[2]
Q.2(b)	Develop an XHTML document that has two paragraphs and the document has links to both paragraph sections of the same document. [BT1][CO2,3][PO1,2,3,4]	[3]
Q.2(c)	Develop an XHTML page that has five image hyperlinks. [BT1][CO2,3][PO2,3,4,5,6]	**[5]**
Q.3(a)	To properly see the effects of CSS, browser should be version _____ or higher. [BT6][CO3,4][PO1]	[2]
Q.3(b)	Compare classes and ID's. [BT5][CO3,4][PO1,2,3]	[3]
Q.3(c)	Create an external CSS stylesheet that includes six headings all to be displayed inline, all headings with font-style italic, circular ordered lists, upper roman unordered lists, inside li's, body font size 10 px, color yellow, starting letter of first paragraph in red color and first paragaraph layered on top of second paragraph. [BT1][CO3,4][PO3,4,5,6]	[5]
Q.4(a)	How can you check the data type of a variable in javascript? [BT2][CO3][PO4]	[2]
Q.4(b)	Create an HTML table using javascript and DOM interfaces. [BT1][CO3][PO4]	[3]
Q.4(c)	Write a javascript code to remove duplicates from an array of elements 1,2,3,1,2,3,4,5,6.[BT1][CO3][PO4,5]	[5]
Q.5(a)	In which language RSS is written? [BT5][CO5][PO1]	[2]
Q.5(b)	Describe advantages of XML. [BT5][CO5][PO4,5]	[3]
Q.5(c)	Write an XML document for electronic devices data namely name, id, make, model. Then display the name and model using XSLT.[BT1][CO5][PO2,3,4,5]	[5]

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