Ajay Kumar Garg Engineering College, Ghaziabad

Department of MCA

Sessional Test-2

Course:	MCA		Semester:	3
Session:	2017-18		Section:	MCA-1 & 2
Subject:	Web Technology		Sub Code:	RCA-302
Max Marks:	50		Time:	2 hour

Note: Answer all the sections.

Section-A

A. Attempt all the parts.   (5 X 2 = 10)

1. How IMAGES are implemented in HTML?
2. List different types of lists in HTML
3. Write CSS rule that make all the text 2 times larger than the base font.
4. How HTML element can be accessed by using DOM?
5. What is XML prolog?

Section-B

B. Attempt all the parts.   (5 X 5 = 25)

6. Create a web page having tabular display for given invoice.

Invoice			
Item / Desc.	Qty.	@	Price
Paperclips	100	1.15	115
Stapler pins (box)	10	45.99	459.9
Subtotal			574.9
GST		7%	40.24
Total			615.14

7. Explain built in objects of java script with suitable example of each object.
8. Write a program in java script to create a web page in which, when the mouse is moved over a div, the p element will display the horizontal and vertical coordinates of your mouse pointer.
9. How "Mouseovers" can be created in Dynamic HTML? Give example to change the Size and Color of the Text in a Web Page.

10. What is the difference between XML DTD and Schema? Create a XML for employee information.

Section-C

C. Attempt **all** the parts.   (2 X 7.5 = 15)

11. Explain different properties and concept of CSS with suitable example.
12. Design the registration form for the creation of email account with all possible validations using java script.

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Section-A

A. Attempt **all** the parts.   (5 X 2 = 10)

1. How HTML Links are implemented?
2. Define HTML tables.
3. What is selector and mention its types also?
4. List any six events used in JavaScript.
5. What is the purpose of the XML DTD?

Section-B

B. Attempt **all** the parts.   (5 X 5 = 25)

6. Discuss the creation of HTML document with frames.
7. What is the role of CSS box model and also explain positioning in CSS?
8. Write a program in java script to create a web page with three buttons named as Red, Green and Blue. When user clicks on any button the background changes to the color mentioned on button.
9. What is DOM? How to change an HTML Element with the help of DOM?
10. What is the difference between HTML and XML? Create an XML file to contain information about student performance in external exam. Each student has a name, a roll no, and five subject internal and external marks.

Section-C

C. Attempt **all** the parts.   (2 X 7.5 = 15)

11. Discuss the text and font properties of CSS with suitable example.
12. Write java script to validate no blank form fields while submitting a student registration form. Also validate the e-mail field.