

Roll No.

Total No. of Questions : 13]

[Total No. of Pages : 02

Paper ID [A0404]

(Please fill this Paper ID in OMR Sheet)

M.Sc. IT (104) (New / S05) / 202 (Old) (Sem. - 1st)

WEB TECHNOLOGIES

Time : 03 Hours

Maximum Marks : 75

Instruction to Candidates:

- 1) Section - A is **Compulsory**.
- 2) Attempt any **Nine** questions from Section - B.

Section - A

(15 x 2 = 30)

Q1)

- a) Develop an HTML document which display your name.
- b) Write about a link attributes in a header section.
- c) Which are the various attributes of the <body> tag.
- d) Design a heading of your favorite teacher's web page.
- e) Explain the elements of styles in detail.
- f) Illustrate the external style and multiple style.
- g) Make a frame which gives all the definition and units of physics.
- h) What is Code valid & Code invalid?
- i) Categorize each of the following as an element or an attribute:
SIZE ; OL ; LI ; FRAME.
- j) Insert a framed Web page with the first frame extending 300 pixels across the page from the left side.
- k) Explain all methods to access to elements of a web page and how a web page element is manipulated.
- l) What are the different methods used for events handlings using Java scripts?

- m) Declare and create the array with three rows and three columns which is called table.
- n) Write Java script statement to determine and print the smallest and largest values contained in 99 element floating point array w.
- o) Whether Cookies can read information from a client's hard drive such as email addresses & personal files? Give Reason.

Section - B

(9 x 5 = 45)

- Q2)** Write a few HTML document each explaining about Sikh gurus. The list of gurus must appear in a frame. When e click on a guru the picture and details of the guru must appear in another frame? Implement it using frames.
- Q3)** Some HTML editors are called WYSIWYG editors. What does this mean and why it is never completely true?
- Q4)** How the style sheets and tables are added to a HTML documents?
- Q5)** Explain all the basic elements of HTML? Explain hyperlinks.
- Q6)** Describe in detail a web page layout that uses a table in which the tables WIDTH and LENGTH attributes should take a constant value.
- Q7)** Discuss various ways used for testing of hyperlinks.
- Q8)** Why are meta tags important for web page visibility and how we choose appropriate colors?
- Q9)** Why does applet class need to be declared as public? Describe different stages in the life cycle of an applet also distinguish between init () and start () methods.
- Q10)** Explain in detail how JSP tech works. What is a JSP page?
- Q11)** Write and compare following button elements: (a) Submit Element (b) Reset Element (c) Checkbox Element.
- Q12)** Write a script that reads a series of strings and outputs in an HTML textarea only those strings beginning with the letters "b".
- Q13)** Write about all the built in objects available in Java Scripts.

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