2018

WEB TECHNOLOGY

Paper : IT 604

Full Marks : 100

Time : Three hours

***The figures in the margin indicate
full marks for the questions.***

Answer *any five* questions.

1.

   (a) Explain TCP/IP model.   20

   (b) Explain the anatomy of URL.

   (c) What is DOM ? What is the use of document object ?

2.

   (a) What is markup language ?   20

   (b) What is tag attribute ? Give an example.

   (c) Show hyperlink definitions that provide link to a pdf file and a jpeg image.

(d) What do you specify color by using red, green, blue components ?

(e) What are the HTML tag associated with table definitions ?

3. What is the meaning of cascading in CSS ? Explain different types of CSS styles. What is the difference between class selector and ID selector in CSS ? What does "%" signify when it specify the width and height of the frame ? Explain the inline style of CSS.

20

4.

(a) How do you store and retrieve the value of a cookie ?

2+4+4+10=20

(b) Give an example of a JavaScript object and a method.

(c) How is JavaScript made platform independent ?

(d) Write a JavaScript function that checks whether a passed string is a palindrome or not.

5.

(a) Write a JavaScript function that reverse a number.

Example $X = 32243$

Expected

OUTPUT = 34223

8+6+6=20

(b) What do you mean by JSP Life cycle ?

(c) Compare GET and POST methods.

6. What are static and dynamic web pages ? Describe the Servlet Life Cycle. What is the difference between Servlet and JSP ?

6+10+4=20

7.

(a) Write a simple servlet program which will return the current date and time.

10+10=20

(b) Explain how a database connection can be established using JDBC.

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