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53 (IT 604) WBTC

2019

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. Why is HTTP known as stateless protocol? What are the different methods used in HTTP protocol? Mention the advantages and disadvantages of each method.
5+10+5
2. (a) What do you understand by valid XML? Explain with example. 10
(b) What is the importance of XML namespace? 5

Contd.



(c) How can both internal and external DTD be used in an XML file? Show with an example. 5

3. (a) Write an HTML code which creates a form to collect user information like name, age, email, phone no. and write JSP code which displays information submitted by user. 10

(b) What are the relational operators used in JavaScript? Explain with example. 10

4. (a) Write a JavaScript code to generate tables and forms dynamically. 10

(b) Describe the life cycle of a servlet. 10

5. (a) What is purpose of the X-index and position property? Explain with the help of an example. 10

(b) Why is it important to set Meta-information? How Cellpadding differs from Cellspacing? Explain with example. 10

6. (a) What are the different ways to use different colors for different links? Is it possible to use grouped and context dependent selectors at the same time? Justify your answer.

(b) Write a JavaScript code that inserts several lines of text and a separator character and determine the number of occurrences of character in text using suitable string methods.

7. Write short notes on :

(a) Cyber Law

(b) Cookie

(c) Components of JSP

(d) JDBC.

