

Total number of printed pages-3

53 (IT 604) WBTC

2016

**WEB TECHNOLOGY**

Paper : IT 604 (Back)

Full Marks : 100

Time : Three hours

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

Answer **any five** questions.

1. How is session management done and describe the techniques involved in maintaining state information? 20
2. (a) Explain how XML document is created with the use of XML parser. Give an example. 10  
(b) Write an example of "feedback form" with text box, text area, radio buttons, checkboxes, dropdown list controls. 10

Contd.

Total number of printed pages-3

53 (IT 604) WBTC

2016

**WEB TECHNOLOGY**

Paper : IT 604 (Back)

Full Marks : 100

Time : Three hours

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

Answer **any five** questions.

1. How is session management done and describe the techniques involved in maintaining state information? 20
2. (a) Explain how XML document is created with the use of XML parser. Give an example. 10  
(b) Write an example of "feedback form" with text box, text area, radio buttons, checkboxes, dropdown list controls. 10

Contd.

3. (a) What are the drawbacks of HTML ? How they are addressed in XML ? 5
- (b) Write an external cascading style sheet to define the font, font color, background and foreground colors and various table tag properties. Also use the CSS to design a web page with tables. 15
4. (a) Explain the prepared statement and callable statement in JDBC. 5
- (b) What are the actions required by DNS to process the request ? 10
- (c) What are the merits and demerits of client side scripting ? 5
5. (a) What is the difference between GET and POST request ? 5
- (b) What is the use of 'param' variable in JSP ? 5
- (c) Write a JavaScript to display a welcome message using alert whenever a button of a html form is pressed. 10

6. (a) Explain the concept of classes in JavaScript. How are they implemented? Give example for Constructors, Methods and Properties. 10
- (b) Write DTD for the following schema (emp\_id, emp\_name (first\_name, last\_name), dob (dd, mm, yyyy), address (city, state)). 10
7. (a) How a HTTP servlet does handle a request? 5
- (b) Describe HTML text formatting tags with example. 5
- (c) Mention the steps to be followed to create a website. Explain each of the steps in details with suitable example. 10
- (a) Explain how XML document is created with the use of XML parser. Give an example. 10
- (b) Write an \_\_\_\_\_ feedback form with text box, text area, radio buttons, checkboxes, dropdown list controls. 10