

Total number of printed pages-3

53 (IT 604) WBTC

2015

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) Discuss JavaScript objects in details with suitable examples. 10
- (b) Explain the Servlet operation in detail with a sample servlet program. 10
2. (a) Write a JavaScript that inputs several lines of text and a search character and determines the number of occurrences of the character in text using suitable string methods. 10

Contd.

- (b) Describe how an HTTP Servlet handles its client requests. 5
 - (c) What is the difference between JavaBean and Enterprise JavaBean? 5
- WEB TECHNOLOGY
3. Create a simple application to demonstrate session tracking using different methods. 20
 4. (a) What are the *four* types of JDBC drivers? 10
 - (b) Explain the various components of JSP in details. 10
 5. (a) Discuss the steps a web designer should follow to develop a website. 10
 - (b) Discuss the need and importance of Cyber Law. 10
 6. (a) Explain *any eight* CSS text properties. 10
 - (b) Briefly discuss how data types are represented in XML schema. 10

7. Write short notes on : 4x5=20

- (i) Web Server
- (ii) DOM
- (iii) JavaBeans
- (iv) HTTP

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

Answer any five questions.

1. (a) Discuss JavaScript objects in details with suitable examples. 10
(b) Explain the Servlet operation in detail with a sample servlet program. 10
2. (a) Write a JavaScript that inputs two lines of text and a search character and determines the number of occurrences of the character in text using suitable string methods. 10