53 (IT 604) WBTC

2017

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) Write the uses of following properties:

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 text-decoration, text-transform, start, target, style.
- (b) Explain how a database connection can be established using JDBC. 10
- 2. (a) State the type of lists supported by HTML and explain them in details.

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- (b) What are different ways to integrate a CSS into a web page? Explain with example.
- (c) What do you mean by JSP directive? Explain the JSP page directive discussing its various attributes.

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- 3. What do you mean by session? What are the different ways of maintaining session through servlet?
- 4. (a) What is gradient? What are the different types of gradient available in CSS? Explain with example.
- (b) Develop a JSP to accept two integers, divide the first by the second and display the result. With the help of this program, demonstrate the error page and is Error Page attributes of the page directive in case, the second integer is zero.

- 5. Write a JSP program that accepts the login id and password of a user, and after verification, accept the following data of the user: first name, middle name, last name, date of birth, email, qualification, and age. Use JavaScript to validate the data entered (use, username as "system" and password as "java").
- 6. (a) How does inheritance work in CSS?

 How do you override the underlining of hyperlinks?
 - (b) Write a JSP program to display the current time and date. 5
 - (c) Write a JavaScript that accepts a user's age and display the following messages:

if then

age <15 You are a kid

if age between 16 and 40 then you are young

if age above 40 then you are old.

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7. Write short notes on :

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- (a) XML
- (b) Cyber Law
- (c) Javabeans
- (d) Protocols used in web.

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