53 (IT 405) WBTC

# 2014

# WEB TECHNOLOGY

### Paper : IT 405

*Full Marks : 100*

Time : Three hours

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

*Answer **any five** questions out of **seven**.*

1.  *(a)*  Explain about the different types of style sheets and their advantages.     10

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

2.  *(a)*  Why it is important to set the meta information ? How cell padding differs from cell spacing ? Explain with example.     10

    *(b)*  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.     10

3. (a) What are the *four* types of JDBC driver ?
   10

   (b) Explain the various components of JSP in details.
   10

4. Create a simple application to demonstrate session tracking using different methods.
   20

5. (a) How can you test your website after publishing it to World Wide Web ?
   10

   (b) What are the most common mistakes Web developers make ?
   10

6. Create a form which has text fields, password field, text area, checkbox, radio button, submit button, reset button, dropdown box.
   20

   Now validate this form i.e. you have to check before submitting the form whether

   (i) any field of the form is empty ?

   (ii) e-mail address is a valid e-mail address or not ?

   (iii) password should not be more than 7 characters long.

7. Write short notes on : 4×5=20

   (a) Cyber Law

   (b) Different protocols governing web

   (c) Cookie

   (d) XML.