

Con. 6547-13.

GS-7149

(3 Hours)

[Total Marks : 100

N.B. : (1) Question No. 1 is **compulsory**.(2) Attempt any **four** questions out of remaining **six** questions.(3) **Figures** to the **right** indicate **full** marks.

1. (a) Write an HTML code to create a form containing dropdown list. The dropdown list contains colors red, green, blue, grey. Write a javascript code to change the background color as soon as the user selects the color from the drop down menu. 10
 (b) What is the need of cookies ? How can cookies be used to set up a counter, which shows number of times the user has visited the page. 10
2. (a) Explain various session tracking techniques. 10
 (b) Write ASP code to search specific record in a database and display the result. 10
3. (a) With the help of suitable examples compare and contrast the use of <div> and . 10
 (b) Explain XML attributes and elements. 10
4. (a) Write ASP code for the following :- 10
 (i) To find out the various browser types.
 (ii) To find out visitors IP address
 (iii) To redirect a user to different URL
 (iv) To find when the file was last modified.
 (b) Differentiate between <table width = "400" height = "200"> and <table width = "100%" height = "50%">. 5
 (c) Differentiate between GET and POST method. 5
5. (a) What do you understand by web service ? Explain with example. 10
 (b) Explain JDBC API and JDBC drivers in detail. 10
6. (a) Explain life cycle of Servlet. Differentiate between JSP and servlet. 10
 (b) What is the need of stylesheets ? Explain different cascading stylesheets with example. 10
7. Write short notes on :- 20
 (a) Web system architecture
 (b) Document type definition
 (c) RSS
 (d) XSL.