AC-1731
B. Sc. (I. T.) (Sem. - IV) Examination
March/April – 2015
Web Development – I

Time : 3 Hours] [Total Marks : 70

Instruction :

1  Do as directed : 14

(1) Explain Document Object Model in detail.

(2) Explain JavaScript Math and String functions with appropriate example.

2  Do as directed : (Any two) 14

(1) Create "New Employee Registration Form" using HTML and validate following fields using JavaScript. 1) Employee Name (only alphabets), 2) Employee Age (Number between 20-60), 3) Employee Address (allow only alphabets and digit), 4) Basic Salary (Maximum 6 digit)

(2) Create Image slide show application using HTML and JavaScript code. (Hint: change image after specific time interval)

(3) Explain the concept of cookie with suitable example.
3 Do as directed :

(1) Explain Date object and different methods with suitable example.

(2) Explain Global object with suitable example.

4 Answer the following questions : (Any Two)

(1) Explain XML syntax rules and XML applications in brief.

(2) What is XML Schema? How it can be used to validate XML document? Justify your answer with suitable example.

(3) Define DTD. Explain with suitable example.

5 Do as directed :

(1) Write HTML and JavaScript code to calculate simple interest.

(2) Write HTML and JavaScript code to open a new window and display www.yahoo.com url in it. Also write HTML and JavaScript code to close newly open window using a button.