

[Time: 3 Hours]

[Marks:80]

- N.B:
1. Question 1 is compulsory.
 2. Attempt any three out of remaining questions.
 3. Figure to the right indicates full marks.

- Q.1**
- a) Explain Cross Browser Compatibility issues. **05**
 - b) Write JavaScript program to change background color continuously. **05**
 - c) Differentiate between HTML and XML. **05**
 - d) Explain PHP string functions.
- Q.2**
- a) Write a HTML code which includes Table, Hyperlink, Image, Ordered and Unordered list, text formatting tags to design Resume. **10**
 - b) Explain servlet life cycle in detail. **10**
- Q.3**
- a) What is jQuery? Illustrate the use of jQuery for form validation. **10**
 - b) Explain JDBC API and JDBC drivers in detail. **10**
- Q.4**
- a) Explain java script built-in object with method and description. **10**
 - b) What is session management? Explain the various approaches to session management. **10**
- Q.5**
- a) What is CSS? Explain the way by means CSS is included in the web page. **10**
 - b) Explain the different ASP objects in detail. **10**
- Q.6** Write a short note on **20**
- a) URL
 - b) Web Services
 - c) JSP
 - d) Cookies
