

[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.

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| 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 | |
