Bachelor Level / Fifth Semester / Science   Full marks: 60
Computer Science and Information Technology(CSC318)   Pass marks: 24
((TU CSIT) Web Technology)   Time: 3 hours
Candidates are required to give their answers in their own words as far as practicable.
The figures in the margin indicate full marks.

Group A

Attempt any Two questions: (2x10=20)

1. **How does a web server link physically on the Internet? How do we navigate from one URL to another from a page displayed at a browser? Explain.**

2. **List the protocols and their use at the application layer in the Internet. Why World Wide Web is use? Explain.**

3. **What is DOM Hierarchy? Explain the use of *, ? and + in defining a DOM element.**

Group B

Attempt any Eight questions: (8x5=40)

4. **What are the tags and attributes for a table in HTML document?**

5. **Write short notes on various services offered by the Internet.**

6. **What is the functionality and purpose of HTTP?**

7. **Explain the XML syntax and structure rules.**

8. **Mention the application of XSL.**

9. **What are the benefits and drawbacks of using XML name space?**

10. **What is the syntax of declaring an attributes in a DTD?**

11. **Explain briefly, how the domain names are translated to IP addresses.**

12. **Explain the client/server concepts of web.**

13. **What do you mean by cookies? Explain with example.**