

Tribhuvan University
Institute of Science and Technology
2071-II

Bachelor Level / Fifth Semester / Science

Computer Science and Information Technology(CSC318)

((TU CSIT) Web Technology)

Candidates are required to give their answers in their own words as far as practicable.

The figures in the margin indicate full marks.

Full marks: 60

Pass marks: 24

Time: 3 hours

Group A

Attempt any Two questions: (2x10=20)

1. Develop a simple website that asks the users to register using username, password, and email address. Store these information's in a database. Use client side script to validate the user input during registration.
2. What is XML? Discuss the structure of XML file with example. Write an XML schema to describe "address" as an element and "city, state, street and house-no" as its attributes.
3. What is HTTP? Discuss its function in detail.

Group B

Attempt any Eight questions: (8x5=40)

4. What is client/server technology? Differentiate between web client and web server.
5. How can you draw a table in HTML? Discuss with suitable example.
6. Write and HTML code to display the following:

Example
$(a + b)^2 = a^2 + 2ab + b^2$
Thank You

7. How can you insert external style sheets in your HTML document? Discuss with example.
8. Write a simple client side script to set and retrieve cookies.
9. What is FTP?
10. Discuss public external declaration of DTD with example.
11. Define session. Explain its use with example.
12. What are anti-overloaded techniques in web server?
13. Write short notes on:
 - a. HTML DOM
 - b. Tag libraries