Tribhuvan University

Faculty of Humanities & Social Sciences
OFFICE OF THE DEAN
2020

Bachelor in Computer Applications
Course Title: Web Technology
Code No: CACS 205
Semester: III

Full Marks: 60
Pass Marks: 24
Time: 3 hours

Candidates are required to answer the questions in their own words as far as possible.

Group B

Attempt any SIX questions.   [6×5 = 30]

2. What is HTML5? Explain characteristics of HTML5.   [5]

3. Write HTML tag to generate the following table.   [5]

	Average		Red
	Height	Weight	Eyes
Males	1.5	0.004	45%
Females	1.4	0.006	47%

4. Design the following website's Menu with use of HTML list and appropriate CSS.   [5]

    Home | News | Contact | About

5. Compare and contrast between a block-level element and an inline element in HTML? [5]

6. What is CSS Selector? Explain different types of selector with suitable example.   [1+4]

7. Why session is required in web development? Explain how you set and remove values stored in Session with suitable example? [1+4]

8. Critically analysis the pitfall of the 3-tier technology in comparison with n-tier technology.

Group C

Attempt any TWO questions.   [2×10 = 20]

9. Design the following layout of webpage with use of div and appropriate CSS.   [10]

Logo
Navigation
Header Banner
Side Bar / Body Area
Footer

10. Write a server-site script for login process assume that user name and password have already exist on database **TU** under the **user** table (<u>id</u>, **user, password**).   [10]

```
                        Login Form

    User Name        [                              ]

    Password         [*****                         ]

                         [  Login  ]


                    Lost your password?
            Don't have an account?   Signup here!
```

11. What are the rules for Well-formed xml document? Create a sample well-formed xml and validate it with DTD Schema.   [5+5]