

COURSE CODE: 10B22CI521

MAX. MARKS: 35

COURSE NAME: Web Application Engineering

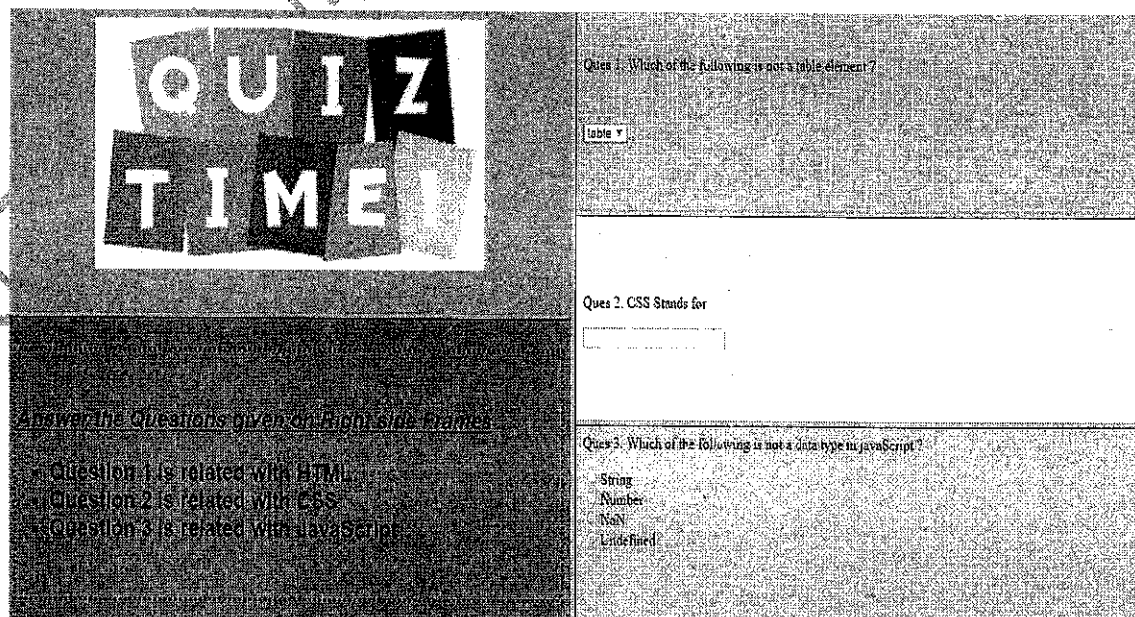
MAX TIME: 2 Hours

COURSE CREDITS: 4

ROLL NUMBER

Note: All questions are compulsory. Carrying mobile phone during examinations will be treated as case of unfair means.

1. [CO-5] Discuss in detail various phases of Website Development Process. [5 Marks]
2. [CO-2] Write down five major differences between HTML & XML. Also write sample program for both of these markup languages. [4 Marks]
3. [CO-3] Differentiate between the following methods used in PHP taking suitable examples for each of them:
 - a. `asort()` and `ksort()`
 - b. `strlen()` and `str_word_count()`
 [6 Marks]
4. [CO-4] Write down HTML & CSS codes to divide the webpage into following five frames as shown below. Also write down code to show content for each frame individually. [6 Marks]



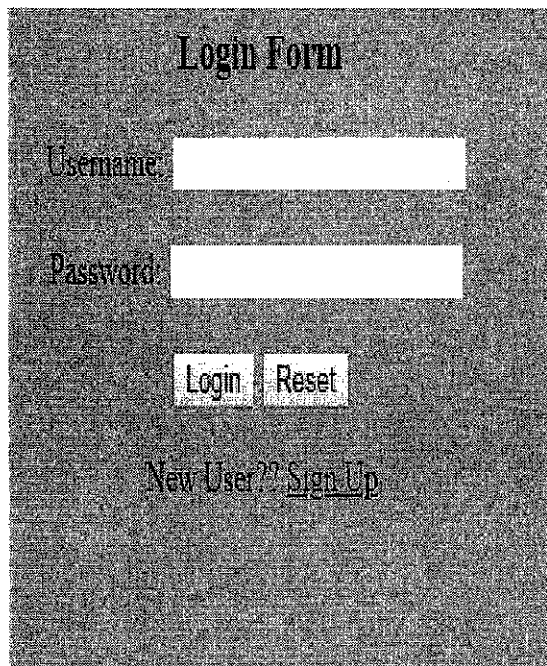
5. [CO-7] What do you mean by Cookies? Which PHP super global is used to create & delete cookies? Write down sample program to create one cookie with your own name & duration of two days. [4 Marks]

6. [CO-8] Follow the steps below to complete the entire process:

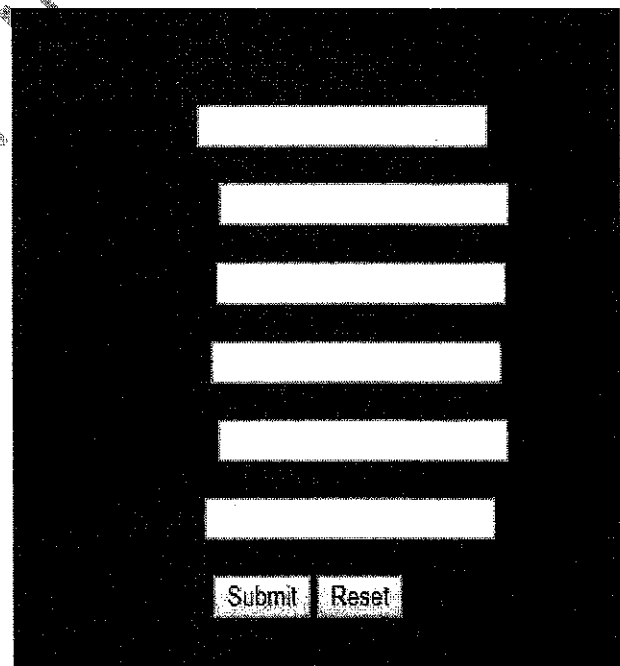
- Write down HTML/PHP code to display **Login Form** on a web page (login.html).
- Write down PHP code to display **Sign Up** form on another webpage (signup.php).
- In Login Form, click on Sign Up link such that clicking on Sign Up will take you to **Sign Up Form**.
- Connect this Sign Up form with database using MYSQL.
- Create a table in database with four columns: Username, Password, City & Pincode.
- Fill this sign up form.
- Use this username & password (as filled in sign up form) to login using Login Form such that clicking on Login will take you to new page (new.php).
- In (new.php), display the following information:
 - Welcome <username>
 - Your Password is <password>.

[10 Marks]

Draw both the forms with values & also draw the table.



A screenshot of a web form titled "Login Form". It features two input fields: "Username:" and "Password:". Below the password field are two buttons labeled "Login" and "Reset". At the bottom of the form, there is a link that says "New User? Sign Up".



A screenshot of a web form titled "Sign Up Form". It features six input fields stacked vertically. At the bottom of the form are two buttons labeled "Submit" and "Reset".