Continuous Assessment Test – II

Programme Name & Branch: BTECH **Exam Duration: 90 mins** **Slot: A2**

Course Code: ITE1002 **Course Title: Web Technologies**

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Answer all the Questions

Section – A (5 x 10 = 50 Marks)

S.No. Question

1. Design a sign up form as given below and perform validation of the entries. If invalid entries are found, then corresponding error must appear in the page as given,(extra condition: email address should be a valid email id, password and confirm password should be same.)

> **Sign up**
>
> Already have an account? Log in
>
> Username
> _____ should only contain letters, numbers, or ..._ 18
>
> Email Address
> _____ can't be blank
>
> Password
> _____ is too short (minimum is 4 characters)
>
> Confirm Password _____
>
> Sign up

2. (a) Create a radio button group and check box button group as shown below. Enhance standard checkbox and radio input with appropriate hover and active styles using JQuery.

> **Radio Group**
>
> Select a Location
>
> New York [O Paris] London
>
> **Checkbox**
>
> Hotel Ratings
>
> [✓ 2 Star] [✓ 3 Star] 4 Star 5 Star

(b) Enhance the text input for entering numerical values using JQuery as response to the given button click events.(Hint: Toggle disable/enable button switches between showing and hiding the input text box. Get value button extracts the input value from text box. Set value to 5 button - sets the value of input text box to 5)

```
Select a value                          :
                                        :

Toggle disable/enable

Get value          Set value to 5
```

3. The details of all employees (ID no, name, mobile number) of a company XYZ is stored and maintained by the company's IT department. Design a form to input the details of all employees. On his birthday, the chairman wants to surprise a few of his employees whose ID number is divisible by 3 and is not divisible by 4, by giving Rs.5000. He instructs the ID department to display the mobile number along with the name of all employees who are eligible for gift. Name of a person is in the format - initial (One letter), dot and any number of alphabets, spaces. Check the validity of the name entered and validity of the mobile number. A valid mobile number must consist of 10 digits and the first digit must not be zero.
(Hint: Use regular expression for condition check).

4. Provided a JSON file data of employees with 'id', 'employee_name', 'employee_salary', 'employee_age', 'profile_image'. Write the code to create a live search of employees using JQueryfrom these json data and return filtered json data objects as a response.
(Hint: Create a json file data)

5. Using AJAX to make the request and display the records with the matching requirement. For example, if the user input the letter c, the result should display any records with all email starts with the letter c.

JSON contains email,password and birthday as below:

Please enter the first letter of the email:

c   Search

Email	Password	Birthday
css100@uregina.ca	temp1234	2018-10-12
cs100@uregina.ca	12345678	2018-02-27
cs110@uregina.ca	12345678	2018-02-28
cs215@uregina.ca	1qa2ws3e	1992-12-29
cs111@uregina.ca	1qaz2wsx	1212-12-12
cs1111@uregina.ca	1qaz2wsx	1212-12-12