Paper Code: B



SUNBEAM INSTITUTE OF INFORMATION TECHNOLOGY KARAD



Module End Lab Exam

Course Name:PG – DACBatch :Aug 2024Module Name:Web Programming TechnologiesDate:05 / 10 / 2024Max. Marks:40Duration :02:00 Hours

Instructions:

- 1. Create new workspace (folder) by the name WPT_12 digit PRN in your home directory.
- 2. Create new Project and save it in above folder.
- 3. After evaluation, first compress/zip your folder (named WPT_12 digit PRN) and upload it on EMIS.

Sr. No.	Points to cover	Max Marks	Marks by Evaluator
1.	HTML and CSS	10	
2.	Validations	10	
3.	Display of Module's as per Course	5	
4.	Node Application	15	
		Total: 40	

Signature of Student	Signature of Evaluator

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Question:

Q1. Create a Student Registration Form with the following requirements.

The form should contain the following fields: Name, Email, Phone Number, Course (dropdown), and Module (dropdown).

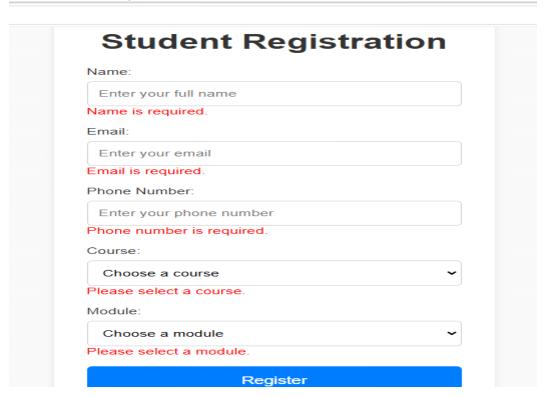
1) When the Course is selected, the Module dropdown should update dynamically based on the selected course

If "DAC" is selected, the modules should be WPT, Java, and DBT.

If "DMC" is selected, the modules should be Android, Hybrid, and DBMS.

- 2) Ensure proper validation for all fields.
- **3)** Name should be at least 3 characters.
- 4) Email must be in a valid format.
- 5) Phone number must be exactly 10 digits.
- 6) Course and Module must be selected.
- **7)** If any field is empty or invalid, display an error message in red below the corresponding input field upon successful submission.

Below is the sample screenshot of form



Q2. Design a Node.js application using Express or http to insert data into the salespeople table in a MySQL sales database. Use the appropriate HTTP request method to handle the insertion and display a confirmation message in the console as well as on browser upon successful insertion.