

## **Sample Question for Web Design**

Design a simple educational website called "**Global Education Academy**" using **HTML**, **CSS**, and **Bootstrap**. The website will have four main pages, each with its own specific content, while maintaining a common layout structure. The pages should be as follows:

### **Page 1: Home Page**

- **Header:** Include the logo, the name of the institution ("Global Education Academy"), and a tagline ("Empowering the Future").
- **Navigation Bar:** Add links for Home, About, Courses, and Registration pages. The navigation should be responsive and styled using Bootstrap.
- **Main Content:**
  - Add an introductory heading and a paragraph describing the institution.
  - Create an unordered list of the key values of the institution (e.g., Innovation, Excellence, Integrity).
  - Display a table showing the institution's top three courses, including columns for course name, duration, and fees.
- **Footer:** Add contact details (phone number, email, and address) in the footer.

### **Page 2: About Page**

- **Header:** Same as the Home page, with the institution logo, name, and tagline.
- **Navigation Bar:** Same as the Home page.
- **Main Content:**
  - Add a heading about the institution
  - Add Mission, Vision and History
- **Footer:** Same as the Home page.

### **Page 3: Courses Page**

- **Header:** Same as the Home page, with the institution logo, name, and tagline.
- **Navigation Bar:** Same as the Home page.
- **Main Content:**
  - Add a heading that says "Courses We Offer."
  - Include a paragraph providing details on how students can enroll in the courses.
  - Create an ordered list of 5 popular courses offered at the institution.
  - Provide anchor tags to link to more information about each course (use # as a placeholder for now).
- **Footer:** Same as the Home page.

### **Page 4: Registration Page**

- **Header:** Same as the Home page.
- **Navigation Bar:** Same as the Home page.
- **Main Content:**
  - Add a heading that says "Student Registration."
  - Include a form that allows users to register for the institution with the following fields:
    - Name (text field)
    - Email (email field)
    - Phone Number (tel field)
    - Course Selection (dropdown with 5 courses)
    - Gender (Radio Button)
    - Password (password field)
    - Confirm Password (password field)
    - Submit button
- The form should have client-side validation, using appropriate input types.
- **Footer:** Same as the Home page.

### **Specific Instructions:**

- Use **Bootstrap's grid system** to structure the layout of each page.
- Implement the common header, navigation bar, and footer using Bootstrap classes to make the layout responsive.
- Style the forms, tables, and lists using Bootstrap's components.
- Ensure that the navigation bar remains fixed at the top and is responsive for different screen sizes (using Bootstrap classes).
- Use appropriate HTML5 semantic elements (<header>, <nav>, <footer>, etc.).
- Add necessary meta tags to ensure the website is responsive.

### **Submission:**

Each student should submit three HTML files (index.html, courses.html, registration.html) along with a CSS file (for additional styles) and use Bootstrap CDN for styling.

### **Marking Criteria (20):**

- HTML ( 10 Marks)
- Bootstrap (8 marks) or **only CSS (8-4=4 marks)**
- Clean and well-organized HTML and CSS code (2)
- **If you are unable to use Bootstrap, you can use only CSS to design each of page. In this case you will lose 4 marks only.**

**See the demo code from Github repository. [[Click Here](#)]**