QUEST INNOVATIVE SOLUTIONS

FRONTEND LAB EXAM

Max. Marks: 40   **Duration: 2 Hours**

Web Development – Build a Responsive Multi-Page Website

You are required to build a fully functional and responsive multi-page website using **HTML, CSS with Bootstrap**, and **JavaScript**.

Requirements:

1. Common Layout for All Pages:

- A Bootstrap navigation bar with:

    o A logo on the left

    o Navigation links: Home, About, Contact, Register

- A sticky header that remains on top when scrolling

- A footer with copyright info, current year (via JavaScript), and optional links

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2. home.html

- A Bootstrap Carousel with at least 3 rotating images

- Below the carousel, create an image gallery with a minimum of 6 images using Bootstrap Cards or Grid

- Add a JavaScript function that can be used to navigate to other pages

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3. about.html

- A two-column layout using Bootstrap grid:

    o Left side: An image representing the website/company

    o Right side: A paragraph explaining the site purpose

- Include a "Read More" button using JavaScript that toggles extra hidden text

4. contact.html – Contact Page

- A two-column layout:
  - Left column: Contact details (Address, Email, Phone)
  - Right column: A **Google Maps** showing a relevant location

5. register.html – Registration Page

Create a registration form styled with Bootstrap. Include the following fields:

- Full Name (Text)
- Email (Email input)
- Password (Password input)
- Gender (Radio buttons)
- Country (Select dropdown with at least 5 options)
- Interests (Checkboxes: HTML, CSS, JavaScript, Python, React)
- Profile Picture (File input)
- Submit and Reset buttons

6. thankyou.html – Confirmation Page

- Display a message: "Thank you for registering!"
- Add a button to return to the Home page