SET-I

Q.1. Write HTML, CSS and JavaScript codes to accomplish the following task: (1 * 25 = 25)

a. Make a HTML form with the following fields:
    i. First Name (required field, make with HTML5)
    ii. Last Name (required field, make with HTML5)
    iii. Gender (make your gender selected by default)
    iv. Country (dropdown with 5 countries in the list, make Nepal selected by default)
    v. Biography (text area, this cannot be blank)
b. Add CSS to make the form look like this:
    i. All input elements have width of 250px and a dotted 2px border in green
    ii. The biography field have height of 500px and width of 250px
    iii. The Submit button be blue color
c. Add JS to perform following actions:
    i. Make sure First Name, Last Name and Biography fields have values
    ii. Make sure the Biography is at least 25 characters
    iii. When the form is submitted, the user will see an alert greeting with his full name.

Q.2. Write Short Notes on: (2 * 5 = 10)

a. Post Office Protocol
b. Hyper Text Markup Language

SET-II

Q.1. Write HTML, CSS and JavaScript codes to accomplish the following task: (1 * 25 = 25)

a. Make a HTML table with input fields like the following fields:

S. No.	Item	Quantity	Rate	Total
1		10	25	250
2.				
3.				
			Grand Total	

Print Bill

b. Add CSS to make the form look like this:

iv. All select box have width of 250px and a solid 2px border in gray
v. The input field have width of 50px
vi. Background color of table heading be blue

c. Add JS to perform following actions:

vii. Auto calculate Total by multiplying Quantity and Rate
viii. Auto calculate Grand Total by adding up all individual totals
ix. Show the Grand Total in an alert when clicked on Print Bill.

Q.2. Write Short Notes on: (2 * 5 = 10)

a. BR and HR tags in HTML
b. Input types: Submit and Reset

SET-III

Q.1. Write HTML, CSS and JavaScript codes to accomplish the following task: (1 * 25 = 25)

a. Write HTML for the following format:

New Super H_2o *plus* will ~~strike out~~ any stain, **big** or small.

Look for new Super **Strength** H_2O *plus* in a stream near you.

NUTRITION INFORMATION (void where prohibited)

	Calories /Serving	Grams of Fat	USRDA Moisture
Regular	3	4	100%
Unleaded	3	2	100%
Organic	2	3	99%
Sugar Free	0	1	110%

b. Write CSS for the following:
   i. Nutrition Information text in Green color
   ii. Regular, Unleaded, Organic and Sugar Free in Italics (use single class in css)
   iii. Calories, Grams of Fat and USRDA Moisture in Bold (use single class in css)

c. Write Javascript to validate the following:
   i. If any percentage goes over 100%, generate an alert
   ii. If any Calories goes below 1, generate an alert

Q.2. Write Short Notes on: (2 * 5 = 10)

c. IMG tag in HTML with all its attributes
d. Illustrate ‘text-decoration’ and ‘:hover’ properties in Anchor Tag in CSS