



(2½ Hours)

[Total Marks: 75]

- N. B.: (1) **All** questions are **compulsory**.  
 (2) Make **suitable assumptions** wherever necessary and **state the assumptions** made.  
 (3) Answers to the **same question** must be **written together**.  
 (4) Numbers to the **right** indicate **marks**.  
 (5) Draw **neat labeled diagrams** wherever **necessary**.  
 (6) Use of **Non-programmable** calculators is **allowed**.

1. Attempt **any three** of the following: 15
- What is WWW? Write difference between WWW and Internet.
  - List and explain different types of CSS selectors with example.
  - Write short note on Uniform Resource Locator.
  - Explain the following HTML tags with the help of example:  
 (i) <br> (ii) <pre> (iii) <h6> (iv) <p> (v) <a>
  - What is proxy server? Discuss its application with reference to internet.
  - Explain different types of lists available in HTML with the help of example.

2. Attempt **any three** of the following: 15
- How to format and position a division on a web page? Explain with example.
  - Write HTML code to design given web page using Table tags.

Sales Report			
ITEM CODE	UNITS	RATE	SALES
1	2	100	200
2	5	50	250
3	10	250	2500
Total Sales			2950

- How will you create graphical navigation bar? Explain with example.
- Explain <audio> and <video> tags in HTML 5.
- Write HTML Code to design a web page with Image Maps.
- List and explain any five HTML Form controls with example.

3. Attempt **any three** of the following: 15
- Write a short note on "for...in" looping statement in JavaScript.
  - Write a program in JavaScript to accept a sentence from the user and display the number of words in it. (Do not use split () function).
  - Explain following events:  
 (i) onclick (ii) onfocus (iii) onmouseover (iv) onload (v) onerror
  - Write a JavaScript program using various methods of Date Object.
  - Write a short note on comparison and logical operators in JavaScript.
  - List various features of JavaScript.

4. Attempt **any three** of the following: 15
- What is PHP? Write the advantages of using PHP for server-side web scripting.
  - Write a PHP code to find the greater of two numbers. Accept the numbers from the user.

[TURN OVER]





- c. Explain any five string functions available in PHP with example.
- d. What are the different methods available in PHP for passing the information from one page to another? Explain.
- e. Write a short note on PHP data types.
- f. Explain associative array in PHP with the help of example.

5. Attempt **any three** of the following:

15

- a. Explain following PHP/MYSQL functions:  
(i) `mysql_connect ()`      (ii) `mysql_close ()`      (iii) `mysql_query ()`  
(iv) `mysql_select_db ()`      (v) `mysql_error ()`
- b. Write a PHP program to demonstrate the use of cookies in PHP.
- c. Compare POSIX and PERL style Regular expressions of PHP.
- d. List various HTTP functions available in PHP. Explain `header ()` function in detail.
- e. Write a PHP program to create a database named "employee". Create a table named "salary" with following fields (eid, ename, esalary). Insert 3 records of your choice. Display the names of the employees whose salary is between 15000 to 20000 in a tabular format.
- f. Write a short note on PHP Session.