

**DIPLOMA EXAMINATION IN ENGINEERING/TECHNOLOGY/MANAGEMENT/
COMMERCIAL PRACTICE , APRIL – 2023**

WEB PROGRAMMING

(Maximum Marks : 100)

(Time : 3 hours)

PART – A
(Maximum Marks : 10)

Marks

I. Answer **all** questions in one or two sentences. Each question carries 2 marks.

1. What is the purpose of domain names?
2. Write the name of the event that occurs in Javascript when a form is submitted.
3. Write the full form of PHP.
4. What is a content management system?
5. What is MySQL?

(5x2=10)

PART – B
(Maximum Marks : 30)

II. Answer any **five** of the following questions. Each question carries 6 marks.

1. How web servers work? List the names of two popular web servers.
2. Describe how to add multimedia (video or sound) to a web page.
3. Describe the ‘if’ statement and ‘switch’ statement in JavaScript.
4. Write a brief note on associative arrays in PHP.
5. Show how a PHP script is embedded in a web page, with an example.
6. Write a note on web space hiring.
7. Describe the form validation process in JavaScript.

(5x6=30)

PART – C
(Maximum Marks : 60)
(Answer **one full** question from each unit. Each full question carries 15 marks)

UNIT – I

III. (a) List the name of the Html tag and its attribute that are used to create a hyperlink.
Give an example for the hyperlink creation.

(5)

- (b) Describe how <form> tag and <input> tag can be used to create a form to communicate information from a browser to a server. Create a login form to enter user name and password using the concept of forms. (10)

OR

- IV. (a) What is the use of frames? Give an example. (5)
- (b) Describe the use of <table> tag and other necessary tags to create a table. Create a table with two columns with necessary headings to show the names and rates of 3 computer input/output devices. (10)

UNIT – II

- V. (a) What is the purpose of external style sheets? With an example show how to insert an external style sheet in a web page? (6)
- (b) Explain about the three types of loops in JavaScript. (9)

OR

- VI. (a) Describe the properties of 'font' in a Cascading Style Sheet. (7)
- (b) Write a JavaScript program to read temperature in Celcius from a text field and display the corresponding temperature in Fahrenheit in another text field on clicking the 'Convert' button. (Use the formulae $F = 1.8 * C + 32$). (8)

UNIT –III

- VII. (a) List the advantages of PHP as a server-side scripting language. (7)
- (b) For what purpose, a cookie is used in PHP. How a cookie is created? (8)

OR

- VIII. (a) Explain about the comparison, logical and assignment operators in PHP. (6)
- (b) Describe PHP sessions and session variables. (9)

UNIT – IV

- IX. (a) Explain about the steps in the process of Domain Name Registration. (7)
- (b) A MySQL table with the name 'Students' contains Register Number, Name and Address of students in a class. Write the PHP code to connect to the database containing the table and to insert the details of a new student into the table. (8)

OR

- X. (a) List any six advantages of content management systems. (6)
- (b) What is Joomla? Describe the features of Joomla. (9)
