

DIPLOMA EXAMINATION IN ENGINEERING/TECHNOLOGY/
MANAGEMENT/COMMERCIAL PRACTICE — APRIL, 2019

WEB PROGRAMMING

[Time : 3 hours

(Maximum marks : 100)

PART — A

(Maximum marks : 10)

Marks

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

1. List any two commonly used web servers.
2. Write an HTML code to show how alert box is used.
3. State any two advantages of PHP.
4. State webhosting.
5. Define Content Management System.

(5×2 = 10)

PART — B

(Maximum marks : 30)

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

1. URL is used to identify documents on the internet. Describe the general format of URL.
2. List and explain the attributes used to give information about HTML elements.
3. Explain in detail about the three ways of inserting style sheets in HTML pages.
4. With the help of examples and syntax illustrate 'while' and 'for' statements in JavaScript.
5. List and explain any three data types supported by PHP.
6. Write and explain the PHP code to :
 - (a) Start a session and create a session variable
 - (b) Destroy a session.
7. Identify any three advantages and disadvantages of using Joomla as content management system.

(5×6 = 30)

[P.T.O.]

PART — C

(Maximum marks : 60)

(Answer *one* full question from each unit. Each full question carries 15 marks.)

UNIT — I

- III (a) Describe the general form of request and response messages in HTTP. 8
 (b) Write HTML code of the form that accepts Username and Password from user. 7

OR

- IV (a) Explain GET and POST methods in HTTP for submitting the form data.
 Write the HTML code to show how the method can be specified in HTML form. 6
 (b) Describe how multimedia (audio and video) is embedded in HTML. 9

UNIT — II

- V (a) Explain how element, class and id selectors in CSS are used to find HTML elements. 9
 (b) Compare server side scripting languages and client side scripting languages, also give one example for each. 6

OR

- VI (a) Write a JavaScript function to react to onclick and onmouseover events in HTML DOM. 8
 (b) Write and explain a JavaScript function to validate Last Name accepted through textbox. Validation process has to ensure that the field is not empty. 7

UNIT — III

- VII (a) With the help of syntax and an example explain how user defined functions are created using PHP. 8
 (b) Explain with an example how a cookie is created in PHP. 7

OR

- VIII (a) List the three types of arrays in PHP. Explain how arrays can be created in PHP. 5
 (b) Explain with the help of examples how \$_GET and \$_POST in PHP are used to collect form data in HTML page. 10

UNIT — IV

- IX (a) Explain with an example how a connection to mysql is established using PHP. 7
 (b) Write the PHP code to check whether the given username is there in the database. 8

OR

- X (a) Define domain name registration. Sketch and explain the steps to be followed for domain registration. 10
 (b) List the requirements for hosting your own website. 5