DIPLOMA EXAMINATION IN ENGINEERING/TECHNOLOGY/ MANAGEMENT/COMMERCIAL PRACTICE — OCTOBER, 2018

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. Distinguish container and empty tags with example.

2. Mention any two client side scripting languages.

3. Define cookie.

4. What is Web Hosting ?

5. List any two Content Management Tools. (5 × 2 = 10)

PART — B

(Maximum marks : 30)

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

1. Write short notes on Web browsers, Web servers and Domain Names.

2. With proper examples describe different types of list tags in HTML.

3. Describe Document Object Model in JavaScript with an example.

4. Develop a simple JavaScript function to validate the mobile number field of a form is a 10 digit number or not using onclick event of a button on the form.

5. Write down any six advantages of PHP.

6. How a session is started, stored and destroyed using PHP ?

7. With syntax and example explain establishing database connection and closing a connection in PHP. (5 × 6 = 30)

Marks

PART — C

(Maximum marks : 60)

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

UNIT — I

III (a) Write tags to embed the following in a web page with example.

(i) image   (ii) audio   (iii) video   (iv) applet   8

(b) Describe tags and attributes of frames in HTML with an example.   7

OR

IV (a) Illustrate the following input controls in a form with syntax and example. ·

(i) check box   (ii) radio button   (iii) select   (iv) text area   8

(b) Explain the creation of table in HTML.   7

UNIT — II

V (a) What is an External Style Sheet ? Explain the creation of it with example.   8

(b) Create a JavaScript function to find the product of two numbers given through two text boxes and store the results in another text box on button click event.   7

OR

VI (a) What is a selector in CSS ? Write different types of selectors with examples.   8

(b) Construct a dynamic JavaScript document to randomly change background colour.   7

UNIT — III

VII (a) Explain the types of arrays used in PHP.   8

(b) Explain steps in File handling in PHP.   7

OR

VIII (a) Explain about functions in PHP.   8

(b) How a form is handled using GET and POST in PHP ?   7

UNIT — IV

IX (a) Describe the procedure in creating a database table with example in PHP.   8

(b) What is a Content Management System ? List the advantages.   7

OR

X (a) With an example explain how to insert data from a form to a database.   8

(b) Explain the File uploading procedure using FTP in Web Hosting.   7