## 7435

### **BOARD DIPLOMA EXAMINATION, (C-20)**

### NOVEMBER/DECEMBER-2022

#### DCME - FOURTH SEMESTER EXAMINATION

### WEB TECHNOLOGIES

Time: 3 hours [ Total Marks: 80

### PART-A

3×10=30

8×5=40

- **Instructions**: (1) Answer **all** questions.
  - (2) Each question carries three marks.
  - (3) Answers should be brief and straight to the point and shall not exceed five simple sentences.
- List the steps in building website. 1.
- 2. Write about MARQUEE tag.
- 3. What is the purpose of <img> tag in HTML?
- 4. What is class selector and ID selector in CSS?
- 5. List applications of XML.
- 6. Write the use of is NaN() in JavaScript.
- 7. Define JQuery.
- 8. Define AJAX.
- Write any three differences between HTTP GET and HTTP POST methods.
- How to delete a cookie?

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# PART-B

- Instructions: (1) Answer all questions.
  - (2) Each question carries eight marks.
  - (3) Answers should be comprehensive and the criteria for valuation are the content but not the length of the answer.
- (a) Explain the structure of the HTML document. 11.

(OR)

(b) Explain the Physical formatting tags <b>, <i>, <u>, <strike>, <sub>, <sup>, <big> and <small>.

12. (a) Explain <INPUT> tag with attributes and examples.

(OR)

- (b) Explain CSS properties related to Border of HTML elements.
- **13.** (a) Explain how to define and call functions with example program in JavaScript.

(OR)

- (b) Explain string object provided by JavaScript.
- 14. (a) List the steps for designing a web application using AJAX.

(OR)

- (b) Explain Angular JS filters like lowercase, uppercase, orderby and currency.
- 15. (a) Explain different types of arrays in PHP.

(OR)

(b) Explain how to pass data from one webpage to other webpage using query string in PHP.

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PART—C

 $10 \times 1 = 10$ 

**Instructions:** (1) Answer the following question.

- (2) The question carries ten marks.
- (3) Answer should be comprehensive and the criterion for valuation is the content but not the length of the answer.
- **16.** Write HTML program to display a student registration form with following details:
  - Student email id, password, student name, gender (using radio button), hobbies (using checkbox), district (using select box), submit button.
  - · Form method should be POST.

