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BOARD DIPLOMA EXAMINATION, (C-20)
OCTOBER/NOVEMBER—2023

DWD – FOURTH SEMESTER EXAMINATION

WEB PROGRAMMING WITH JAVASCRIPT

Time : 3 Hours]   [*Total Marks* : 80

PART—A   3×10=30

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.

1. How is XML different from HTML?

2. Define alert() in JavaScript.

3. List any six comparison operators in JavaScript.

4. List the types of functions in JavaScript.

5. What is the use of set timeout() method in JavaScript?

6. How to convert JSON object to string?

7. What is user defined object?

8. Define constructor.

9. Define inheritance.

10. List any three static properties.

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Instructions : (1) Answer **all** questions.

(2) Each question carries **eight** marks.

(3) Answers should be comprehensive and criterion for valuation is the content but not the length of the answer.

11. *(a)* Explain the need for client side scripting.

(OR)

(b) Explain about significance of namespaces in XML.

12. *(a)* Explain various types of expressions in JavaScript.

(OR)

(b) Explain do while statement with suitable example.

13. *(a)* Explain about map usage in JavaScript.

(OR)

(b) Explain about string and its methods in JavaScript.

14. *(a)* Explain about syntax rules in JSON.

(OR)

(b) Explain how to create HTML DOM elements with examples.

15. *(a)* Explain about reference error with an example.

(OR)

(b) Explain about private, protected and public properties.

PART—C

10×1=10

16. Write a JavaScript code to create simple timer to show timer countdown in online tests.

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