

**TILAK MAHARASHTRA VIDYAPEETH, PUNE**  
**BACHELOR OF COMPUTER APPLICATIONS (B.C.A.)**  
**SPECIALIZATION IN CYBER SECURITY (CS)**

**EXAMINATION : JUNE- 2025**

### SEMESTER - III

**Sub: Advanced Web Designing (BCA – 340-18/340-20) /BCA23-301)**

## Website Designing & Development (BCA-CS-340-20BCAC23-301)

**Date : 11/06/2025**

**Total Marks : 60**

**Time:2.00 pm To 4.30 pm**

**Instructions:**

1. All questions are compulsory unless and otherwise stated.
2. Bold figures to the right of every question are the maximum marks for that question.
3. Candidates are advised to attempt questions in order.
4. Answers written illegibly are likely to be marked zero.
5. Use of scientific calculators, Log tables, Mollier Charts is allowed.
6. Draw neat and labelled diagrams wherever necessary.

**Q.1. Fill in the blanks.**

(5)

1. The CSS property used to specify the transparency of an element is\_\_\_\_
  - a) visibility
  - b)opacity
  - c)filter
  - d)none of the above
2. \_\_\_\_is the correct way to select all h1 headers in a div element.
  - a) div-h1
  - b)div h1
  - c) h1
  - d)None of the above
3. \_\_\_\_of the following is not JavaScript data types.
  - a) Null type
  - b) undefined type
  - c) Undefined type
  - d) All of the above
4. HTML program is executed by\_\_\_\_
  - a)browser
  - b) compiler
  - c) JDK
  - d) None of the above
5. \_\_\_\_keywords is used to define a variable in JavaScript
  - a)var
  - b)let
  - c) Both A and B
  - d) none of the above

**Q.2. State True/False.**

(5)

1. Cellpadding is the pixel space between-the cell contents and the cell border.
2. HREF is an attribute of<img> tag.
3. Bootstrap, a CSS framework is used to create a responsive design.
4. <script>tag is used to embed CSS in html page
5. Using console.log () method we can debug the code by printing the output in the console.

**Q.3. Answer the following. (Solve any 5) (10)**

1. What do you mean by JavaScript is loosely typed language?
2. What is enctype?
3. State any 2 dialog boxes available in JavaScript.
4. List any 2 block level tags.
5. What is z-index in CSS?
6. What is vlink, alink attribute?

**Q. 4. Answer the following in detail. (Solve any 6) (30)**

1. What are the sections of HTML program? What is tag & attribute? Give example of tag & attribute.
2. Explain any 2 selectors with example.
3. Write a program in JavaScript to display sum of all array elements. Accept numbers from the user.
4. Write the code for unordered list & definition list in HTML.
5. List 5 combinators in CSS.
6. Write a short note on DOM in JavaScript.
7. Explain border - shorthand property in CSS.

**Q. 5. Answer the following in detail. (Solve any 1) (10)**

1. Explain any 5 tags used to create a table in HTML. Write HTML code with the output to show cell spacing ,cellpadding, rowspan & colspan.
2. Explain how to create hyperlink along with the types of hyperlink and links within same page with example.

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