

TILAK MAHARASHTRA VIDYAPEETH, PUNE
BACHELOR OF COMPUTER APPLICATIONS (B.C.A.)(044)/ BACHELOR
OF SCIENCE (COMPUTER APPLICATIONS)(750)/
SPECIALIZATION IN CYBER SECURITY (CS)(464)/
BACHELOR OF SCIENCE (CYBER SECURITY)(760)
EXAMINATION : MAY/JUNE-2026
SEMESTER - III

Sub: Advanced Web Designing (BCA – 340-20) /BCA23-301/BSC24-301)
Website Designing & Development/ Advanced Web Designing
(BCA-CS-340-20/BCAC23-301/BSCC24-301)

Date : 03/06/2026

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.
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Q.1. Fill in the blanks.

(5)

1. In JavaScript, to display a message to the user ____ dialog box is used.
 - a. Confirm
 - b. Prompt
 - c. Alert
 - d. Popup
2. H1{color:blue;} in this css rule structure, H1 is called as ____
 - a. Selector
 - b. Property
 - c. Value
 - d. None of the above
3. ____ defines html as document type.
 - a. <*DOCTYPE html>
 - b. <?DOCTYPE html>
 - c. <&DOCTYPE html>
 - d. <!DOCTYPE html>
4. Using ____, you can set the distance between cell and cell data.
 - a. Cellpadding
 - b. Padding
 - c. Cellspacing
 - d. Spacing
5. Math ____ function returns the value of x to the power of y.
 - a) p
 - b) pow
 - c) powr
 - d) power

Q.2. State True/False.

(5)

1. HTML is a programming language.
2. Inline CSS goes inside the style attribute on an element.
3. In JavaScript, variables are declared as int a=10;
4. HTML elements and tag names are case-sensitive in modern browsers.
5. JavaScript is compiled first to execute the program.

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

1. What is the role of the browser?
2. Write down syntax of switch statement in JavaScript.
3. What is the use of <nav> tag?
4. How to declare array in JavaScript?
5. Write any 2 advantages using CSS.
6. What do you mean by web safe fonts?

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

1. Explain any 5 semantic tags?
2. Write down any 2 features of JavaScript. Explain use of 3 types of dialog boxes in JavaScript with example.
3. Explain <tt>, <q>, <blockquote> ,<pre> , <sub> tags with example.
4. Describe 3 types of lists in HTML with example of any one list.
5. Explain any 5 math function JavaScript.
6. Explain tag with all its attributes along with the code to use image as hyperlink.
7. Explain any 2 selectors with example.

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

1. What is CSS and explain its types.
2. Design a table in HTML using <table><caption><th><td><tr> cell spacing, cellpadding, border, rowspan & colspan.
