TILAK MAHARASHTRA VIDYAPEETH, PUNE
BACHELOR OF COMPUTER APPLICATIONS (B.C.A.)/
SPECIALIZATION IN CYBER SECURITY (CS)
EXAMINATION : MAY - 2024
SEMESTER - III
Sub: Advanced Web Designing(BCA – 340-18/340-20) /
Website Designing & Development (BCA-CS-340-20)

Date :28/05/2024	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. ……… CSS framework is used to create a responsive design.
   a) Django   b) rails
   c) larawell   d) bootstrap
2. ………. organization defines the Web Standards.
   a) Microsoft Corporation   b) Apple
   c) World wide Web Consortium   d) Google
3. Alpha value in RGBA represent …………
   a) Opacity value of a color   b) Shade of a color
   c) color name   d) None
4. The ……… attribute of <audio> tag specifies the URL of the audio file.
   a) src   b) href
   c) file name   d) input
5. The <input type="………. "> defines a month and year control
   a) year   b) calendar
   c) month   d) date

Q.2. **State True/False.** **(5)**
1. Ordered list is also called as bulleted list.
2. Image map means an image with multiple hyperlinks.
3. Inline frames are often used in online advertising.
4. Class selector is used with # symbol.
5. JavaScript is an Object-oriented language.

Q.3. **Answer the following. (Solve any 5)** **(10)**
1. What is meta element in HTML? Give example.
2. Which tags are used to create Ordered list?
3. Explain CSS rule structure.
4. What is the purpose of the <div> element in HTML. Explain in brief.
5. Explain the CSS Box Model and its components.
6. What are the different data types present in JavaScript?

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

1. Explain any five input tags used for forms with example.
2. Define DOM. List any three methods of finding elements on page.
3. Write a JavaScript Program to Calculate the Area of a Triangle.
4. Explain Client-server Architecture.
5. How to insert an image in HTML? Explain with example.
6. Define loop. Explain different loops used in JavaScript.
7. Explain following tags with example.
   a. <a>   b. <iframe>   c. <strong>   d. <sup>   e. <em>

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

1. Explain selectors and combinators used in CSS.
2. Explain table tag with all its attributes. Explain Nested tables with example.

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