

B.C.A. SEMESTER V END EXAMINATION, NOV 2023

**CORE COURSE
WEB TECHNOLOGY [CAC-117]**

Duration: 2 hours

Total Marks: 60

Instructions: *i) All questions are compulsory.*

ii) Figures to the right indicate full marks.

Q.1. Answer the following: (5x1 Mark =05 Marks)

A. Match the following:

- | | |
|-------------------|--|
| 1. Browser engine | A. CSS property specifies line breaking rules |
| 2. TFTP | B. Used to access the data on the WWW |
| 3. GET request | C. interface for querying and manipulating |
| 4. HTTP | D. allows client to get file from remote host. |
| 5. word-break | E. Sends form content as part of URL |

B. State whether following statements are **true or **false** (5x1 Mark=05 Marks)**

1. The controls attribute adds video controls, like play, pause, and volume.
2. The skew() method combines all the 2D transform methods into one.
3. CSS scale() method increases or decreases the size of an element
4. The Namespace starts with the keyword xmlns.
5. PCDATA is character data, not usually parsed.

Q.2. A. Write short note on comments in JavaScript. (2 marks)

B. Differentiate between DTD and XSD. (3 marks)

C. Explain any 5 JavaScript event handlers with examples. (5 marks)

Q3. A. Write short note on JavaScript Object hierarchy. (2 marks)

B. Define XML attribute. Explain two principal models for XML parsers. (3 marks)

C. Explain following using example w.r.t. Error handling in JavaScript (5 marks)

1. try and catch statements
2. Finally statement

P.T.O.

- Q4.** A. Differentiate between PHP include and require statements. **(2 marks)**
B. Why do we use frameworks? List advantages of framework. **(3 marks)**
C. Explain Form handling in PHP with help of example using GET and POST method. **(5 marks)**
- Q5.** A. Write short note on PHP Sessions. **(2 marks)**
B. Explain with a neat block diagram MVC architecture. **(3 marks)**
C. List components of SSL. Explain in detail how SSL works. **(5 marks)**
- Q6.** A. Write short note on PHP database connection. **(2 marks)**
B. Differentiate between fully qualified and partially qualified domain name **(3 marks)**
C. Explain PHP MYSQL Prepared statements with help of example. **(5 marks)**
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