

Code No. : 20509 E Sub. Code : CMCA 52

B.C.A. (CBCS) DEGREE EXAMINATION,  
NOVEMBER 2023.

Fifth Semester

Computer Application - Core

WEB TECHNOLOGY

(For those who joined in July 2021-2022)

Time : Three hours

Maximum : 75 marks

PART A — (10 × 1 = 10 marks)

Answer ALL questions.

Choose the correct answer :

1. MIME stands for \_\_\_\_\_.
- (a) Multipurpose Internet Mail Extra  
(b) Multipurpose Internet Mail End  
(c) Multipurpose Internet Mail Email  
(d) Multipurpose Internet Mail Extensions

7. XML is designed to \_\_\_\_\_ and \_\_\_\_\_ data.

- (a) Design, style (b) Design, send  
(c) Store, style (d) Store, transport

8. In XML, DTD stands for \_\_\_\_\_

- (a) Document Type Definition  
(b) Document Type Declaration  
(c) Data Type Documentation  
(d) Document To Declaration

9. What does CGI stands for \_\_\_\_\_?

- (a) Computer Gateway Interface  
(b) Computer Generate Interface  
(c) Common Generalized Interface  
(d) Common Gateway Interface

10. What type of servlets use these methods doGet(), doPost(), doHead(), doDelete(), doTrace()?

- (a) Generic Servlets (b) HttpServlets  
(c) HttpClient (d) HttpApplet

2. Full form of W3C is \_\_\_\_\_
- (a) World Wide Website Catalog  
(b) World Wide Web Community  
(c) World Wide Web Consortium  
(d) World Web website consortium
3. Choose the correct HTML tag to make a text bold?
- (a) <b> (b) <bold>  
(c) <bb> (d) <bld>
4. \_\_\_\_\_ variables used in JS programs
- (a) Varying random  
(b) Used as header file  
(c) Storing numbers, dates and other values  
(d) Constant value
5. Java Script is an \_\_\_\_\_ language.
- (a) Object Oriented (b) Object based  
(c) Procedural (d) Natural
6. The "function" and "Var" are known as conditional expression?
- (a) Keywords  
(b) Data types  
(c) Declaration statement  
(d) Prototypes

PART B — (5 × 5 = 25 marks)

Answer ALL questions, choosing either (a) or (b).  
Each answer should not exceed 250 words.

11. (a) Give a brief note on WWW.  
Or  
(b) What do you mean by Anatomy of URL in HTML?
12. (a) Describe the basic structure of HTML.  
Or  
(b) What are the different levels of heading tags and paragraph in HTML? Explain.
13. (a) Enumerate on Constant and Variable with example.  
Or  
(b) Discuss the various operators in java script with example.
14. (a) Compare HTML vs XML.  
Or  
(b) Give a brief note on XML Namespace.
15. (a) Write a note on Languages for CGI.  
Or  
(b) Distinguish between CGI and Servlet.

PART C — (5 × 8 = 40 marks)

Answer ALL questions, choosing either (a) or (b)  
Each answer should not exceed 600 words.

16. (a) Elaborate on web applications and its type.  
Or  
(b) Explain the working purpose of MIME and its features.
17. (a) Discuss the formatting text and tags with example.  
Or  
(b) What is list tag in html? Explain the types of html tag with example.
18. (a) Illustrate the syntax and flow diagram of Entry and Exit loop with your own program.  
Or  
(b) State the following Iteration loop with examples.  
(i) For....loop.  
(ii) Write a java script program to print whether a number is odd or even.

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19. (a) Write an XML document to illustrate elements, attributes and CDATA section

Or

- (b) In what way Internal and External DTDs used in XML file? Show with an example

20. (a) Justify the Common Gateway Interface (CGI) with neat diagram.

Or

- (b) Illustrate the lifecycle of a Servlet with neat diagram.

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