

(6 pages)

Reg. No. : .....

**Code No. : 30533 E      Sub. Code : CMCA 52**

B.C.A. (CBCS) DEGREE EXAMINATION,  
NOVEMBER 2024.

Fifth Semester

Computer Application — Core

WEB TECHNOLOGY

(For those who joined in July 2021-2022 only)

Time : Three hours                      Maximum : 75 marks

PART A — (10 × 1 = 10 marks)

Answer ALL questions.

Choose the correct answer :

1. The MIME text file is saved with which of the following extension  
(a) THM extension      (b) HTML extension  
(c) HTM extension      (d) None

2. Identify the standard network protocol used to transfer computer files between client and server on a computer network  
(a) Physical                      (b) TCP/IP  
(c) FTP                              (d) Hyperlink
3. What is the effect of the `<b>` tag?  
(a) It converts the text within it to a bold tag  
(b) It is used to write black colored font  
(c) It is used to change the font size  
(d) None
4. What are the types of lists available in HTML?  
(a) Ordered, unordered lists  
(b) Bulleted, numbered lists  
(c) Named, unnamed lists  
(d) None of the above
5. Javascript is an \_\_\_\_\_ language.  
(a) Object-oriented      (b) Object-based  
(c) Procedural              (d) None of the above

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6. What does the 'toLocaleString()' method do in JS?
- (a) Returns a localized object representation
  - (b) Returns a parsed string
  - (c) Returns a localized string representation of an object
  - (d) None

7. How many types of tags are there in an XML document?
- (a) 3
  - (b) 4
  - (c) 5
  - (d) 6

8. In XML, DTD stands
- (a) Document type declaration
  - (b) Data type definition
  - (c) Document type definition
  - (d) Document to declaration

9. Identify the language that must be used to provide CGI software
- (a) Shell scripts
  - (b) Perl
  - (c) C/C++
  - (d) Any of the above

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10. Common gateway interface is used to
- (a) generate executable files from web content by web server
  - (b) generate web pages
  - (c) stream videos
  - (d) download media files

PART B — (5 × 5 = 25 marks)

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

11. (a) Write a short notes on URL.

Or

- (b) Discuss various strategies of a good web team in detail.

12. (a) Write a note on heading tag with an example.

Or

- (b) Define list tag with an example.

13. (a) Explain various datatypes available in Javascript.

Or

- (b) Explain how types of operator is used in Javascript?

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[P.T.O]



14. (a) Explain how attributes are used in XML?

Or

(b) What are the benefits of XML? Explain.

15. (a) What are the advantages of servlet over applets?

Or

(b) Mention the applications for CGI.

PART C — (5 × 8 = 40 marks)

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

16. (a) Write briefly about the various task of planning and process development.

Or

(b) Discuss about web architecture in detail.

17. (a) Explain briefly about table tag and their attributes in HTML.

Or

(b) Write a brief note on frame tag in HTML.

18. (a) Explain various operators in JavaScript.

Or

(b) Write a brief note on conditional statement in Javascript.

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19. (a) What are the basic rules while writing XML? Explain.

Or

(b) Write a brief note on XML scheme language.

20. (a) Write a CGI program using python code to display "welcome".

Or

(b) Mention the security precaution for CGI technology.

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