

(6 Pages)

Reg. No. :

Code No. : 10240 E Sub. Code : SMCA 52/
AMCA 52

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

Fifth Semester

Computer Application — Core

WEB TECHNOLOGY

(For those who joined in July 2017-2020)

Time : Three hours Maximum : 75 marks

PART A — (10 × 1 = 10 marks)

Answer ALL questions.

Choose the correct answer :

1. Which one of the following is used for creating web pages?
- (a) TCP (b) www
(c) FTP (d) HTML

7. XML uses the features of _____
- (a) SGML (b) XHTML
(c) VML (d) HTML
8. Which of the following is correct in XML?
- (a) The internal DTD subset is read before external DTD
(b) The external DTD subset is read before internal DTD
(c) There is no external DTD
(d) There is no Internal DTD
9. Common Gateway Interface is used to _____
- (a) generate executable files from web content by web server
(b) generate web pages
(c) stream videos
(d) stream audios
10. What is extension of Common Gateway Interface Script?
- (a) .cg (b) .cgi
(c) .cgs (d) .cls

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2. TCP/IP protocol suite consists of _____ layers.
- (a) 5 (b) 7
(c) 4 (d) 8
3. How to create an ordered list in HTML?
- (a) (b)
(c) <olist> (d) <list>
4. What is the effect of the tag?
- (a) It converts the text within it to bold font
(b) It is used to write black-colored font.
(c) It is used to change the border
(d) To change the base
5. _____ is the Microsoft implementation of JavaScript for IE.
- (a) JScript (b) JAVA Script
(c) VB script (d) JDBC
6. In Java Script _____ method is used to find the number of elements in an Array object.
- (a) Length() (b) element()
(c) count() (d) number()

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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 brief note on Internet and its features.
Or
(b) Write brief note on HTTP.
12. (a) What is HTML? Write about HTML elements.
Or
(b) Write about the various tags used in HTML tables.
13. (a) Write about the variables and the rules for using it in JavaScript.
Or
(b) Describe about the do-while and for loop control structures used in Javascript.
14. (a) Write notes on XML and its characteristics.
Or
(b) Write about XML DTD, and its use.

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[P.T.O.]

15. (a) Explain about CGI Environment Variables set in Server.

Or

- (b) Tabulate the differences between applets and Servlets.

PART C — (5 × 8 = 40 marks)

Answer ALL questions, choosing either (a) or (b).

Each answer should not exceed 600 words.

16. (a) What are the important stages web design and development? Explain.

Or

- (b) Explain in detail about MIME and its features.

17. (a) Describe about HTML forms and its important attributes.

Or

- (b) Describe HTML frames and its features.

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18. (a) Explain the various features available in JavaScript.

Or

- (b) Discuss in brief about creating an object using Javascript.

19. (a) Explain in detail XML elements and attributes.

Or

- (b) Describe in detail about XML Schema.

20. (a) Describe in detail about Common Gateway Interface, its features and advantages.

Or

- (b) Describe in detail the lifecycle of a Servlet.

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