(6 pages)

Reg. No. : ....

Code No. : 20240 E   Sub. Code : SMCA 52/
AMCA 52

B.C.A. (CBCS) DEGREE EXAMINATION,
NOVEMBER 2022.

Fifth Semester

Computer Application — Core

WEB TECHNOLOGY

(For those who joined in July 2017 onwards)

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

2. The communication protocol used by internet is

    (a) HTTP   (b) WWW

    (c) TCP/IP   (d) FTP

3. Which is the correct syntax to include comment in an HTML document?

    (a) //   (b) /*Comment*/

    (c) //Comment//   (d) <!--Comment-->

4. Which HTML tag is used to define a hyperlink?

    (a) <a>   (b) <h>

    (c) <hyperlink>   (d) both (a) and (b)

5. Which of the following is not JavaScript data types?

    (a) undefined   (b) number

    (c) boolean   (d) float

6. Among the following, which one is a ternary operator in Java Script?

    (a) #   (b) ::

    (c) &:   (d) ?:

7. XML is designed to store data and ———

   (a) Design   (b) Verify

   (c) Both (a) and (b)   (d) Transport

8. In schema, data type can be specified using

   (a) Type   (b) Data type

   (c) Dt:type   (d) Data:type

9. Which of the following gives the path for CGI script?

   (a) remote_host   (b) remote_addr

   (c) query_string   (d) path_info

10. CGI stands for ———

    (a) Common Gigabyte Interface

    (b) Common Gateway Interface

    (c) Common Gaming Interface

    (d) Common Gateway Internet

PART B — (5 × 5 = 25 marks)

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

11. (a) Briefly explain about web server and clients.

Or

    (b) What is meant by URL? Explain.

12. (a) What is HTML? Explain some basic tags.

Or

    (b) Explain in detail about image tag and its attributes.

13. (a) Discuss about looping statements in JavaScript.

Or

    (b) Explain various operators involved in JavaScript.

14. (a) Explain the use of XML namespace.

Or

    (b) How to use DTD in an XML?

15. (a) Explain Servlet life cycle.

Or

    (b) What is server-side CGI script?

PART C — (5 × 8 = 40 marks)

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

16. (a) Describe in detail about www.

Or

(b) Explain in detail about HTTP protocol.

17. (a) Describe in detail about various form controls.

Or

(b) Explain in detail about list tag.

18. (a) Explain in detail about functions in JavaScript.

Or

(b) Explain in detail about conditional statements in JavaScript.

19. (a) Explain briefly about XML schema.

Or

(b) Explain in detail about elements and attributes in XML.

20. (a) Describe in detail of servlet architecture.

Or

(b) Discuss about request specific environmental variables.

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