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Reg. No. :

**Code No. : 20255 E Sub. Code : JMCA 52/
SMCA 52**

B.C.A. (CBCS) DEGREE EXAMINATION,
NOVEMBER 2021

Fifth Semester

Computer Application — Main

WEB TECHNOLOGY

(For those who joined in July 2016-2019)

Time : Three hours

Maximum : 75 marks

PART A — ($10 \times 1 = 10$ marks)

Answer ALL questions.

Choose the correct answer :

1. Who invented world wide web?
 - (a) Tim Berners Lee
 - (b) Sir Thomas
 - (c) Charles Babbage
 - (d) Vint Cerf

2. What is the correct syntax of web address?
 - (a) path://prefix.port:domain/ filename/ scheme
 - (b) scheme://prefix.domain:port/path/filename
 - (c) prefix://scheme.port:domain/filename/path
 - (d) port://domain.filename:path/scheme/prefix
3. Which element defines preformatted text?
 - (a) <p> (b) <pre>
 - (c) <hr> (d) <ins>
4. Which tag is used to encapsulate navigation and then style the elements appropriately as menu items?
 - (a) ul (b) li
 - (c) nav (d) both ul and li
5. JavaScript is ideal to _____.
 - (a) make computations in HTML simpler
 - (b) minimize storage requirements on the web server
 - (c) increase the download time for the client
 - (d) increase the loading time of the website

6. What are the three important manipulations done in a for loop on a loop variable?
- (a) Updation, Incrementation, Initialization
 - (b) Initialization, Testing, Updation
 - (c) Testing, Updation, Testing
 - (d) Initialization, Testing, Incrementation
7. What is the correct syntax of the declaration which defines the XML version?
- (a) `<xml version="A.0"/>`
 - (b) `<?xml version="A.0"?>`
 - (c) `<?xml version="A.0"/>`
 - (d) `<?xml version="C.0"/>`
8. XML uses the features of
- (a) HTML
 - (b) XHTML
 - (c) VML
 - (d) SGML
9. In the context of Internet programming, what does CGI stand for?
- (a) Crappy Graphics Interface
 - (b) Computer Generated Images
 - (c) Common Gateway Interface
 - (d) Calculated Graphical Integration

10. What is the interface that allow web servers to talk to back end programs and scripts that can accept input and generate HTML pages in response?
- (a) Interior gateway interface
 - (b) Common gateway interface
 - (c) Exterior gateway interface
 - (d) Java

PART B — ($5 \times 5 = 25$ marks)

Answer ALL questions by choosing (a) or (b).

Each answer should not exceed 250 words.

11. (a) Write note on MIME.
- Or
- (b) Explain about URL.
12. (a) Explain the tags : (i) <STORNG> (ii) <SUB> (iii) <SUP>.

Or

- (b) How to embed images into a webpage? Explain.

13. (a) Illustrate rules to define the variables in Java script.

Or

- (b) Mention the Java script comparison Operators.

14. (a) Write note on XML attributes.

Or

- (b) What is meant by valid XML documents?

15. (a) What is the difference between GET and POST method?

Or

- (b) Illustrate the CGI programming languages.

PART C — ($5 \times 8 = 40$ marks)

Answer ALL questions by choosing (a) or (b).

Each answer should not exceed 800 words.

16. (a) Discuss about WWW in detail.

Or

- (b) Explain the classification of websites.

17. (a) Explain the table creation tags with an example.

Or

- (b) Write note on <form> tags in detail.

18. (a) Describe the JavaScript switch statement.

Or

- (b) How to construct Arrays in Java Script? Explain.

19. (a) Write note on XML DTD in detail.

Or

- (b) Explain about XML Schema.

20. (a) Illustrate the Security with CGI Scripts.

Or

- (b) Discuss the CGI Environment Variables in detail.