(6 pages)   Reg. No. : ....

Code No. : 20122 E   Sub. Code : SACS 31/
SASE 31

B.Sc. (CBCS) DEGREE EXAMINATION,
NOVEMBER 2023.

Third Semester

Computer Science/Software Engineering – Allied

WEB TECHNOLOGY

(For those who joined in July 2017-2019)

Time : Three hours   Maximum : 75 marks

PART A — (10 × 1 = 10 marks)

Answer ALL questions.

Choose the correct answer:

1. Which of the following can read and render HTML web pages?
   (a) Server
   (b) Head Tak
   (c) Web Browser
   (d) None

2. _____ is a connection less protocol.
   (a) TCP   (b) UDP
   (c) Both (a) and (b)   (d) None

3. Among which of the following is HTML a subset _____
   (a) SGMD   (b) SGMT
   (c) SGML   (d) None

4. When is the body tag used?
   (a) After form tag   (b) After Title tag
   (c) After EM tag   (d) After Head tag

5. Java script is an _____ language.
   (a) Procedure Oriented
   (b) Object Oriented
   (c) Both (a) and (b)
   (d) None

6. Which of the following keywords is used to define a variable in Java Script?
   (a) Var   (b) Let
   (c) Both (a) and (b)   (d) None

7. Which of the following are closures in Java Script?
   (a) Variables   (b) Functions
   (c) Objects   (d) All the above

8. _____ : Returns 'x' rounded up to its nearest integer.
   (a) Math.round (x) (b) Math.ceil (x)
   (c) Math.floor (x) (d) Math.trunc (x)

9. What is the full form of DHTML?
   (a) Distinguished Hyper Text Markup Language
   (b) Distributed Hyper Transmission Markup Language.
   (c) Dynamic Hyper Text Markup Language
   (d) None

10. DHTML consists of which two components together?
    (a) Java and HTML
    (b) Java Script and HTML
    (c) XML and HTML
    (d) None

PART B — (5 × 5 = 25 marks)

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

Each answer should not exceed 250 words.

11. (a) What is Internet? List out its advantages.

Or

(b) Give a brief note on the usage of 'Host Name'.

12. (a) What is the use of frames in HTML? What are the different tags used in frames?

Or

(b) How to embed an image in a HTML document?

13. (a) Why do we need for Scripting Language?

Or

(b) Write down different types of Statements available in Java Script.

14. (a) Give a brief note on select object in Java Script.

Or

(b) List out the properties and events available in Textbox and Text area?

15. (a) Write down some of the properties of Tags.

Or

(b) What do you mean by Grouping?

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 different web concepts available? Explain any two.

Or

(b) Write the usage of TCP and UDP protocols in detail.

17. (a) How to create student Marksheet table in HTML?

Or

(b) What are the different tags used in Forms in HTML?

18. (a) Give a brief not on operators and Functions available in Java Script.

Or

(b) Define and give a note on Java Script's Identifiers, keywords and expressions.

19. (a) Illustrate Window and Document object in Java Script.

Or

(b) What are the different types of methods available in Data and Math object in Java Script?

20. (a) What is cascading style sheet? How to implement External Style sheets in CSS?

Or

(b) Write short notes on the following:

(i) Pseudo classes and pseudo elements.

(ii) Element Dimensions.

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