21CSC2S2LP

Sl. No.

M.Sc. II Semester Degree Examination, Sept./Oct. - 2024

COMPUTER SCIENCE

Advanced Web Programming

(NEP)

Time : 1 Hour   Maximum Marks : 30

Note : *Answer **all** the following questions, each question carries **equal** marks.*

1. Which HTTP method is used to retrieve data from a server ?   **1**
   (A) POST   (B) PUT   (C) GET   (D) DELETE

2. How is state maintained between HTTP requests ?   **1**
   (A) HTTP is a stateful protocol
   (B) Through the use of sessions and cookies
   (C) By default, state is maintained automatically
   (D) By using a single continuous connection

3. Which HTML5 element is used to draw graphics on a web page ?   **1**
   (A) <svg>   (B) <canvas>   (C) <graphic>   (D) <draw>

4. Which HTML5 element is used to embed video content in a web page ?   **1**
   (A) <media>   (B) <movie>   (C) <video>   (D) <embed>

5. Which of the following has introduced text, list, box, margin, border, color and   **1**
   background properties ?
   (A) HTML   (B) PHP   (C) CSS   (D) Ajax

6. Which of the following type of HTML tag is used to define an internal style sheet ?   **1**
   (A) <script>   (B) <link>   (C) <class>   (D) <style>

7. Which of the following CSS style property is used to specify an italic text ?   **1**
   (A) style   (B) font   (C) font-style   (D) @font-face

8. Which of the following CSS property can be used to set the image as a border   **1**
   instead of the border style ?
   (A) background-image-source   (B) background-image
   (C) border-image-source   (D) border-image

9. Which of the following is the correct way to apply CSS Styles ?   1
   (A) in an external CSS file
   (B) inside an HTML element
   (C) inside the <head> section of an HTML page
   (D) all of the mentioned

10. Which of the following CSS property is used to specify table borders in CSS ?   1
   (A) table : border   (B) table
   (C) border   (D) none of the mentioned

11. What type of scope is created when you declare a variable with let inside a function ?   1
   (A) Global Scope   (B) Local Scope   (C) Block Scope   (D) Function Scope

12. Which of the following is a valid way to create a number in JavaScript ?   1
   (A) var num = 123;   (B) var num = new Number(123);
   (C) Both (A) and (B)   (D) Neither (A) nor (B)

13. Which method would you use to convert a number to a string ?   1
   (A) toString()   (B) toStr()   (C) toNumber()   (D) stringify()

14. Which method is used to get the current year from a Date object ?   1
   (A) getYear()   (B) getFullYear()
   (C) getCurrentYear()   (D) getYearFull()

15. Which statement is used to handle multiple conditions in JavaScript ?   1
   (A) if   (B) else   (C) switch   (D) case

16. Which method is used to validate if a value is a number in JavaScript ?   1
   (A) isNumber()   (B) validateNumber()
   (C) isNaN()   (D) isNumeric()

17. How do you create a new element in the DOM using JavaScript ?   1
   (A) document.createElement()   (B) document.newElement()
   (C) document.buildElement()   (D) document.makeElement()

18. How do you change the content of an HTML element using JavaScript ?   1
   (A) element.innerText = "new content";
   (B) element.value = "new content";
   (C) element.innerHTML = "new content";
   (D) element.textContent = "new content";

19. Which JavaScript method can be used to convert a string to a number ?   **1**
(A)   parseString()   (B)   toNumber()   (C)   parseInt()   (D)   toNumeric()

20. Which method in JavaScript would you use to find the length of a string ?   **1**
(A)   length()   (B)   size()   (C)   count()   (D)   length()

21. Which function is used to delay the execution of a function by a specified number   **1**
of milliseconds in JavaScript ?
(A)   setTimeout()   (B)   delay()   (C)   pause()   (D)   wait()

22. What is the window object in JavaScript ?   **1**
(A)   A global object representing the browser's window
(B)   An object used for server-side operations
(C)   A method for manipulating images
(D)   A class for handling files

23. What does window.setTimeout() do in JavaScript ?   **1**
(A)   Sets a timer to execute a function after a specified delay
(B)   Pauses the execution of the script for a specified duration
(C)   Repeats a function at specified intervals
(D)   Stops the execution of a function

24. Which statement(s) is/are true about PHP ?   **1**
(A)   It is an open-source scripting language
(B)   PHP scripts execute on the server
(C)   It is used for developing dynamic and interactive websites
(D)   All of the above

25. What does PHP stand for ?   **1**
(A)   Personal Hypertext Processor
(B)   PHP : Hypertext Preprocessor
(C)   Private Hypertext Protocol
(D)   Public Hypertext Processor

26. How do you declare a variable in PHP ?   **1**
(A)   var $variable;
(B) $variable = value;
(C)   variable = value;
(D)   let $variable = value;

27. Which of the following is a valid single-line comment in PHP ? 1
(A) #This is a comment (B) <!--This is a comment-->
(C) /*This is a comment*/ (D) //This is a comment

28. How do you check if a constant is defined in PHP ? 1
(A) isset() (B) defined() (C) exists() (D) check()

29 How do you concatenate two strings in PHP ? 1
(A) string1 + string2 (B) string1.string2
(C) concat(string1, string2) (D) string1.append(string2)

30. Which statement is commonly used for PHP output ? 1
(A) write (B) php.write (C) log (D) echo

- o 0 o -