**CENTURION** **UNIVERSITY OF TECHNOLOGY & MANAGEMENT**

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**EXAMINATION CELL**

**SUBJECT NAME: ADVANCED WEB PROGRAMMING**

**SUBJECT CODE: CUTM1030**

**MODULE NO: 2**

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| S. NO | MCQ |  |  |  |
| 1 |  | Which of the following is a date method in JavaScript? |  |  |
| A | length() |  |  |
| B | toUpperCase() |  |  |
| C | toString() |  |  |
| D | getFullYear() |  |  |
| 2 |  | Which of the following is a valid date format in JavaScript? |  |  |
| A | MM/DD/YYYY |  |  |
| B | DD/MM/YYYY |  |  |
| C | YYYY/DD/MM |  |  |
| D | All of the above |  |  |
| 3 |  | Which of the following is a number method in JavaScript? |  |  |
| A | length() |  |  |
| B | toUpperCase() |  |  |
| C | toString() |  |  |
| D | split() |  |  |
| 4 |  | Which of the following is NOT a valid number in JavaScript? |  |  |
| A | 42 |  |  |
| B | 3.14 |  |  |
| C | "42" |  |  |
| D | 0xFF |  |  |
| 5 |  | Which of the following is NOT a string method in JavaScript? |  |  |
| A | toUpperCase() |  |  |
| B | charAt() |  |  |
| C | split() |  |  |
| D | push() |  |  |
| 6 |  | Which of the following is a valid string in JavaScript?  a)  b)  c)  d) |  |  |
| A | "Hello World" |  |  |
| B | 'Hello World' |  |  |
| C | `Hello World` |  |  |
| D | All of the above |  |  |
| 7 |  | Which of the following is a JavaScript console command that can be used to log output to the console? |  |  |
| A | console.log() |  |  |
| B | console.write() |  |  |
| C | console.print() |  |  |
| D | console.display() |  |  |
| 8 |  | Which of the following is NOT a valid way to define a function in JavaScript? |  |  |
| A | function myFunction() {} |  |  |
| B | const myFunction = function() {} |  |  |
| C | myFunction = () => {} |  |  |
| D | myFunction = function myFunction() {} |  |  |
| 9 |  | Which of the following is NOT a JavaScript loop construct? |  |  |
| A | for |  |  |
| B | while |  |  |
| C | do-while |  |  |
| D | if-else |  |  |
| 10 |  | Which of the following is a conditional statement in JavaScript?  a)  b)  c)  d)  Answer: a) if |  |  |
| A | if |  |  |
| B | for |  |  |
| C | while |  |  |
| D | switch |  |  |
| 11 |  | Which of the following operators is used to compare two values for equality? |  |  |
| A | = |  |  |
| B | == |  |  |
| C | === |  |  |
| D | != |  |  |
| 12 |  | Which of the following is NOT a valid JavaScript variable name? |  |  |
| A | myVariable |  |  |
| B | My\_Variable |  |  |
| C | 123variable |  |  |
| D | \_myVariable |  |  |
| 13 |  | What is the keyword used to declare a variable in JavaScript? |  |  |
| A | var |  |  |
| B | let |  |  |
| C | const |  |  |
| D | All of the above |  |  |
| 14 |  | Which of the following is a legal variable name in JavaScript? |  |  |
| A | 2var |  |  |
| B | var2 |  |  |
| C | \_var |  |  |
| D | -var |  |  |
| 15 |  | Which operator is used for exponentiation in JavaScript? |  |  |
| A | ^ |  |  |
| B | \*\* |  |  |
| C | // |  |  |
| D | % |  |  |
| 16 |  | Which of the following is a single line comment in JavaScript? |  |  |
| A | <!-- This is a comment --> |  |  |
| B | /\* This is a comment \*/ |  |  |
| C | // This is a comment |  |  |
| D | <!--- This is a comment ---> |  |  |
| 17 |  | Which of the following is used to represent equality in JavaScript? |  |  |
| A | = |  |  |
| B | == |  |  |
| C | === |  |  |
| D | !== |  |  |
| 18 |  | Which loop is used to iterate over an object in JavaScript? |  |  |
| A | for loop |  |  |
| B | while loop |  |  |
| C | do-while loop |  |  |
| D | for...in loop |  |  |
| 19 |  | Which of the following is a function declaration in JavaScript? |  |  |
| A | let myFunc = function() {}; |  |  |
| B | function myFunc() {}; |  |  |
| C | const myFunc = () => {}; |  |  |
| D | None of the above |  |  |
| 20 |  | Which of the following is a function expression in JavaScript? |  |  |
| A | let myFunc = function() {}; |  |  |
| B | function myFunc() {}; |  |  |
| C | const myFunc = () => {}; |  |  |
| D | None of the above |  |  |
| 21 |  | Which of the following is a callback function in JavaScript? |  |  |
| A | function myFunc() {}; |  |  |
| B | setTimeout(myFunc, 1000); |  |  |
| C | setInterval(myFunc, 1000); |  |  |
| D | None of the above |  |  |
| 22 |  | Which of the following is a method to convert a string to an integer in JavaScript? |  |  |
| A | parseInt() |  |  |
| B | parseFloat() |  |  |
| C | toString() |  |  |
| D | toFixed() |  |  |
| 23 |  | Which method is used to return the length of a string in JavaScript? |  |  |
| A | length() |  |  |
| B | size() |  |  |
| C | count() |  |  |
| D | None of the above |  |  |
| 24 |  | Which method is used to concatenate two or more strings in JavaScript? |  |  |
| A | concat() |  |  |
| B | join() |  |  |
| C | slice() |  |  |
| D | split() |  |  |
| 25 |  | Which method is used to remove whitespace from both ends of a string in JavaScript? |  |  |
| A | trim() |  |  |
| B | remove() |  |  |
| C | strip() |  |  |
| D | clean() |  |  |
| 26 |  | Which method is used to convert a string to lowercase in JavaScript? |  |  |
| A | toLowerCase() |  |  |
| B | toUpperCase() |  |  |
| C | trim() |  |  |
| D | slice() |  |  |
| 27 |  | Which method is used to convert a number to a string in JavaScript? |  |  |
| A | toString() |  |  |
| B | toNumber() |  |  |
| C | toFixed() |  |  |
| D | toPrecision() |  |  |
| 28 |  | Which method is used to round a number to a specified number of decimal places in JavaScript? |  |  |
| A | round() |  |  |
| B | ceil() |  |  |
| C | floor() |  |  |
| D | toFixed() |  |  |
| 29 |  | Which method is used to return the current date and time in JavaScript? |  |  |
| A | getDate() |  |  |
| B | getFullYear() |  |  |
| C | getTime() |  |  |
| D | None of the above |  |  |
| 30 |  | Which of the following is not a control structure in programming? |  |  |
| A | If-else |  |  |
| B | For loop |  |  |
| C | While loop |  |  |
| D | None of the above |  |  |
| 31 |  | Which of the following is an example of an object in JavaScript? |  |  |
| A | String |  |  |
| B | Number |  |  |
| C | Boolean |  |  |
| D | All of the above |  |  |
| 32 |  | What is encapsulation in object-oriented programming? |  |  |
| A | The ability to hide internal details of an object from the outside world |  |  |
| B | The ability to inherit properties and methods from a parent class |  |  |
| C | The ability to create multiple instances of an object |  |  |
| D | None of the above |  |  |
| 33 |  | Which of the following is not a principle of object-oriented programming? |  |  |
| A | Inheritance |  |  |
| B | Abstraction |  |  |
| C | Encapsulation |  |  |
| D | Loops |  |  |
| 34 |  | Which of the following is not a primitive data type in JavaScript? |  |  |
| A | String |  |  |
| B | Boolean |  |  |
| C | Number |  |  |
| D | Object |  |  |
| 35 |  | What is inheritance in object-oriented programming? |  |  |
| A | The ability to create multiple instances of an object |  |  |
| B | The ability to hide internal details of an object from the outside world |  |  |
| C | The ability to inherit properties and methods from a parent class |  |  |
| D | None of the above |  |  |
| 36 |  | Which of the following is not a looping structure in programming? |  |  |
| A | While loop |  |  |
| B | Do-while loop |  |  |
| C | Switch statement |  |  |
| D | For loop |  |  |
| 37 |  | What is polymorphism in object-oriented programming? |  |  |
| A | The ability to create multiple instances of an object |  |  |
| B | The ability to hide internal details of an object from the outside world |  |  |
| C | The ability to inherit properties and methods from a parent class |  |  |
| D | The ability to use a single method or property in different ways for different objects |  |  |
| 38 |  | What is a prototype in JavaScript? |  |  |
| A | A function that is used to create objects |  |  |
| B | A special property that is used to add methods and properties to an object |  |  |
| C | An object that is used to create other objects |  |  |
| D | None of the above |  |  |
| 39 |  | What is the DOM in web development? |  |  |
| A | A programming language used for web development |  |  |
| B | A web browser used for testing web pages |  |  |
| C | A programming interface used to access and manipulate HTML and XML documents |  |  |
| D | None of the above |  |  |
| 40 |  | Which of the following is not a method for accessing the DOM in JavaScript? |  |  |
| A | document.querySelector() |  |  |
| B | document.getElementById() |  |  |
| C | document.getElementsByClassName() |  |  |
| D | document.getStyle() |  |  |
| 41 |  | What is jQuery? |  |  |
|  | A | A programming language |  |  |
|  | B | A library for JavaScript |  |  |
|  | C | An operating system |  |  |
|  | D | A browser extension |  |  |
| 42 |  | Which symbol is used to define a jQuery object? |  |  |
|  | A | $ |  |  |
|  | B | # |  |  |
|  | C | @ |  |  |
|  | D | & |  |  |
| 43 |  | Which of the following is not a core feature of jQuery? |  |  |
|  | A | Selectors |  |  |
|  | B | Animations |  |  |
|  | C | Event handling |  |  |
|  | D | Variable declaration |  |  |
| 44 |  | What is the syntax for selecting an element by its ID in jQuery? |  |  |
|  | A | $("element") |  |  |
|  | B | $(".element") |  |  |
|  | C | $("#element") |  |  |
|  | D | "%element" |  |  |
| 45 |  | What is the syntax for selecting all elements with a specific class in jQuery? |  |  |
|  | A | $("element") |  |  |
|  | B | $(".element") |  |  |
|  | C | $("#element") |  |  |
|  | D | "%element" |  |  |
| 46 |  | Which of the following methods is used to get or set the content of an element using jQuery? |  |  |
|  | A | text() |  |  |
|  | B | html() |  |  |
|  | C | val() |  |  |
|  | D | All of the above |  |  |
| 47 |  | Which of the following methods is used to add a new element to the DOM using jQuery? |  |  |
|  | A | append() |  |  |
|  | B | prepend() |  |  |
|  | C | after() |  |  |
|  | D | All of the above |  |  |
| 48 |  | Which of the following methods is used to make an AJAX request using jQuery? |  |  |
|  | A | ajax() |  |  |
|  | B | get() |  |  |
|  | C | post() |  |  |
|  | D | Both a and b |  |  |
| 49 |  | Which of the following methods is used to loop through a collection of elements using jQuery? |  |  |
|  | A | each() |  |  |
|  | B | for() |  |  |
|  | C | while() |  |  |
|  | D | switch() |  |  |
| 50 |  | Which of the following methods is used to bind an event handler to an element using jQuery? |  |  |
|  | A | click() |  |  |
|  | B | hover() |  |  |
|  | C | submit() |  |  |
|  | D | All of the above |  |  |