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

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**EXAMINATION CELL**

**SUBJECT NAME: ADVANCED WEB PROGRAMMING**

**SUBJECT CODE: CUTM1030**

**MODULE NO: 3**

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| S. NO | MCQ |  |  |  |
| 1 |  | Ajax is used for creating \_\_\_\_\_. |  |  |
| A | Web applications |  |  |
| B | Desktop applications |  |  |
| C | System applications |  |  |
| D | Both A. and B. |  |  |
| 2 |  | Ajax stands for \_\_\_\_\_\_. |  |  |
| A | Asynchronous JavaScript and XML |  |  |
| B | Asynchronous JSON and XML |  |  |
| C | Asynchronous Java and XML |  |  |
| D | Asynchronous JavaScript and XMLHttpRequest |  |  |
| 3 |  | What server support Ajax? |  |  |
| A | WWW |  |  |
| B | SMTP |  |  |
| C | HTTP |  |  |
| D | All of the above |  |  |
| 4 |  | Which of the following feature makes the Ajax unique? |  |  |
| A | It can work with all the databases |  |  |
| B | It is a server-side application can also be used to create servers |  |  |
| C | It can use Python & C++ for programming |  |  |
| D | It makes data requests asynchronously |  |  |
| 5 |  | Ajax sends data to a web server \_\_\_\_\_. |  |  |
| A | in the background |  |  |
| B | before loading the page |  |  |
| C | with reloading the page |  |  |
| D | All of the above |  |  |
| 6 |  | How many types of triggers are present in update panel? |  |  |
| A | 1 |  |  |
| B | 2 |  |  |
| C | 3 |  |  |
| D | 4 |  |  |
| 7 |  | Which formats are supported by Ajax to send and receive information? |  |  |
| A | JSON, XML, HTML, SQL, MySQL, and Text Files |  |  |
| B | JSON, XML, HTML, and Text Files |  |  |
| C | JSON, XML, HTML, NoSQL, and Oracle |  |  |
| D | JAVA, JSON, XML, HTML, Oracle, and Text Files |  |  |
| 8 |  | Ajax technologies include \_\_\_\_\_\_. |  |  |
| A | XMLHttpRequest |  |  |
| B | JavaScript |  |  |
| C | XML or JSON |  |  |
| D | All of the above |  |  |
| 9 |  | Which technologies give Ajax its name? |  |  |
| A | Net and XML |  |  |
| B | ASP and XML |  |  |
| C | Asynchronous JavaScript, CSS, ASP, and XML |  |  |
| D | Asynchronous JavaScript and XML |  |  |
| 10 |  | Which company made Ajax popular? |  |  |
| A | Oracle |  |  |
| B | Google |  |  |
| C | Microsoft |  |  |
| D | Facebook |  |  |
| 11 |  | Ajax is about updating \_\_\_\_\_\_, without reloading the full-page. |  |  |
| A | parts of a web page |  |  |
| B | parts of a database records |  |  |
| C | parts of a HTML tags dynamically |  |  |
| D | parts of a CSS classes dynamically |  |  |
| 12 |  | What are the advantages of Ajax? |  |  |
| A | Bandwidth utilization |  |  |
| B | More interactive |  |  |
| C | Speeder retrieval of data |  |  |
| D | All of the above |  |  |
| 13 |  | What is update panel in Ajax? |  |  |
| A | a server control used to update the specified portion of a web page |  |  |
| B | server control used to update the full-page after reloading the page |  |  |
| C | a dashboard used to update the specified portion of a web page |  |  |
| D | None of the above |  |  |
| 14 |  | Which object can be used to exchange data with a server behind the scenes? |  |  |
| A | XMLHttpRequest |  |  |
| B | HttpsRequest |  |  |
| C | JSONHttpRequest |  |  |
| D | All of the above |  |  |
| 15 |  | What is the correct syntax to create an XMLHttpRequest object? |  |  |
| A | XMLHttpRequest() variable |  |  |
| B | XMLHttpRequest() variable; |  |  |
|  | C | variable = new XMLHttpRequest() |  |  |
|  | D | variable = new XMLHttpRequest(); |  |  |
| 16 |  | Which method returns the specific header information? |  |  |
| A | getResponseHeader() |  |  |
| B | getSpecifcHeader() |  |  |
| C | getHeaderOnly() |  |  |
| D | getHeaderInfo() |  |  |
| 17 |  | Which property holds the status of the XMLHttpRequest? |  |  |
| A | readyState |  |  |
| B | holdState |  |  |
| C | pauseState |  |  |
| D | stopState |  |  |
| 18 |  | Which property returns the response data as a string? |  |  |
| A | getText |  |  |
| B | getResponseText |  |  |
| C | responseText |  |  |
| D | responseAllText |  |  |
| 19 |  | Which is the correct syntax to add HTTP headers to the request? |  |  |
| A | setRequestHeader(value, header) |  |  |
| B | setAllRequestHeader(value, header) |  |  |
| C | setRequestHeader(header, value) |  |  |
| D | setAllRequestHeader(header, value) |  |  |
| 20 |  | If the value of status property is 404, what does it mean? |  |  |
| A | OK |  |  |
| B | Forbidden |  |  |
| C | Method Not Allowed |  |  |
| D | Page not found |  |  |
| 21 |  | JSON stands for \_\_\_\_\_\_\_. |  |  |
| A | JavaScript Object Notation |  |  |
| B | Java Object Notation |  |  |
| C | JavaScript Object Normalization |  |  |
| D | JavaScript Object-Oriented Notation |  |  |
| 22 |  | JSON is a \_\_\_\_\_ for storing and transporting data. |  |  |
| A | xml format |  |  |
| B | text format |  |  |
| C | JavaScript |  |  |
| D | php format |  |  |
| 23 |  | The JSON syntax is a subset of the \_\_\_\_\_ syntax. |  |  |
| A | Ajax |  |  |
| B | Php |  |  |
| C | HTML |  |  |
| D | JavaScript |  |  |
| 24 |  | In the JSON syntax, data is separated by \_\_\_\_\_. |  |  |
| A | Semicolons |  |  |
| B | Colons |  |  |
| C | Commas |  |  |
| D | Hyper |  |  |
| 25 |  | In the JSON syntax, array is written within in \_\_\_\_. |  |  |
| A | Square brackets |  |  |
| B | Curley braces |  |  |
| C | Paratheses |  |  |
| D | None of the above |  |  |
| 26 |  | What are the features of JSON? |  |  |
| A | Simplicity |  |  |
| B | Openness |  |  |
| C | Self-Describing |  |  |
| D | All of the above |  |  |
| 27 |  | Which is the correct symbol to insert a comment in JSON? |  |  |
| A | // |  |  |
| B | /\*…\*/ |  |  |
| C | <!-- … --> |  |  |
| D | JSON doesn't support the comments |  |  |
| 28 |  | In the JSON syntax, data is in \_\_\_\_ pairs |  |  |
| A | class/object |  |  |
| B | name/value |  |  |
| C | datatype/variable |  |  |
| D | value/= |  |  |
| 29 |  | What is the correct syntax of writing JSON name/value pair, where the value is of string type? |  |  |
| A | "name" : "value" |  |  |
| B | "name" : value |  |  |
| C | "name" : 'value' |  |  |
| D | 'name' : 'value' |  |  |
| 30 |  | What is the file type for JSON files? |  |  |
| A | .jsn |  |  |
| B | .js |  |  |
| C | .json |  |  |
| D | jso |  |  |
| 31 |  | What is the MIME type for JSON text? |  |  |
| A | application/json |  |  |
| B | application/jsn |  |  |
| C | xml/json |  |  |
| D | xml/jsn |  |  |
| 32 |  | Which is not a JSON data type? |  |  |
| A | number |  |  |
| B | string |  |  |
| C | array |  |  |
| D | date |  |  |
| 33 |  | Which is the correct example of a JSON object with name, age, and city? |  |  |
| A | { "record":{"name":"Alex", "age":21, "city":"London"} } |  |  |
| B | { "record"={"name":"Alex", "age":21, "city":"London"} } |  |  |
| C | { "record":{"name":Alex, "age":21, "city":London} } |  |  |
| D | { record :{"name":"Alex", "age":21, "city":"London"} } |  |  |
| 34 |  | Which of these is an example of a proper JSON array? |  |  |
| A | { students:["Alex", "Alvin", "Bobby"] } |  |  |
| B | { students=["Alex", "Alvin", "Bobby"] } |  |  |
| C | { "students":["Alex", "Alvin", "Bobby"] } |  |  |
| D | { "students":[{"Alex", "Alvin", "Bobby"]} } |  |  |
| 35 |  | In the below statement, what is the type of "student"?  {"student":{"name":"Alvin", "age":21, "city":"Mumbai"}} |  |  |
| A | String |  |  |
| B | Array |  |  |
| C | Object |  |  |
| D | Class |  |  |
| 36 |  | How to create JSON Boolean object? |  |  |
| A | {"name"=true/false} |  |  |
| B | {'name':true/false} |  |  |
| C | {"name":true/false} |  |  |
| D | {name:true/false} |  |  |
| 37 |  | A common use of JSON is \_\_\_\_\_\_\_\_. |  |  |
| A | to update data into the database |  |  |
| B | to retrieve data from the database |  |  |
| C | to exchange data to/from a web server |  |  |
| D | None of the above |  |  |
| 38 |  | Which function is used to convert text into a JavaScript object? |  |  |
| A | JSON.parse() |  |  |
| B | string.parse() |  |  |
| C | object.parse() |  |  |
| D | All of the above |  |  |
| 39 |  | Which function is used to convert a JavaScript object into a string? |  |  |
| A | JSON.string() |  |  |
| B | JSON.stringify() |  |  |
| C | JSON.ToString() |  |  |
| D | All of the above |  |  |
| 40 |  | Which is the correct statement to convert the below given array to string?  const arr = ["Alex", "Alvin", "Bobby", "Dock"]; |  |  |
| A | const json\_arr = JSON.string(arr); |  |  |
| B | const json\_arr = JSON.ToString(arr); |  |  |
| C | const json\_arr = JSON.ArrayToString(arr); |  |  |
| D | const json\_arr = JSON.stringify(arr); |  |  |
| 41 |  | \_\_\_\_\_\_ is a method for sending JSON data without worrying about cross-domain issues. |  |  |
|  | A | JSON |  |  |
|  | B | json |  |  |
|  | C | JSONP |  |  |
|  | D | JSONP\_Encode() |  |  |
| 42 |  | JSONP stands for \_\_\_\_\_. |  |  |
|  | A | JSON with Packing |  |  |
|  | B | JSON with Padding |  |  |
|  | C | JSON with Parsing |  |  |
|  | D | JSON with Prefix |  |  |
| 43 |  | Which of the following code will throw an error? |  |  |
|  | A | JSON.parse('{"name":"John", "age":30, "city":"New York"}'); |  |  |
|  | B | JSON.parse(null); |  |  |
|  | C | JSON.parse(undefined); |  |  |
|  | D | JSON.parse('[]'); |  |  |
| 44 |  | What is/are the parameter(s) of the method JSON.parse()? |  |  |
|  | A | Text |  |  |
|  | B | Reviver |  |  |
|  | C | Object |  |  |
|  | D | Both Text and Reviver |  |  |
| 45 |  | How do you represent a JSON array of strings? |  |  |
|  | A | { "days" : { "SUN" , "MON" , "TUE" , "WED" , "THU" , "FRI" , "SAT" } } |  |  |
|  | B | { "days" = [ "SUN" , "MON" , "TUE" , "WED" , "THU" , "FRI" , "SAT" ] } |  |  |
|  | C | { "days" = { "SUN" , "MON" , "TUE" , "WED" , "THU" , "FRI" , "SAT" } } |  |  |
|  | D | { "days" : [ "SUN" , "MON" , "TUE" , "WED" , "THU" , "FRI" , "SAT" ] } |  |  |
| 46 |  | How do you represent a JSON array of objects? |  |  |
|  | A | {"students": {{"name":"Alvin", "age":21, "city":"Mumbai"}, {"name":"Alex", "age":24, "city":"Delhi"}} } |  |  |
|  | B | {"students"= [{"name":"Alvin", "age":21, "city":"Mumbai"}, {"name":"Alex", "age":24, "city":"Delhi"}] } |  |  |
|  | C | {"students"= {{"name":"Alvin", "age":21, "city":"Mumbai"}, {"name":"Alex", "age":24, "city":"Delhi"}} } |  |  |
|  | D | {"students": [{"name":"Alvin", "age":21, "city":"Mumbai"}, {"name":"Alex", "age":24, "city":"Delhi"}] } |  |  |
| 47 |  | JSON array elements can be access by \_\_\_. |  |  |
|  | A | Name |  |  |
|  | B | Key |  |  |
|  | C | Value |  |  |
|  | D | Index |  |  |
| 48 |  | In the below statement, what is the type of "sports"?  {"name":"Alvin", "age":21, "sports":["Cricket", "Football", "Running"]} |  |  |
|  | A | string |  |  |
|  | B | object |  |  |
|  | C | class |  |  |
|  | D | attribute |  |  |
| 49 |  | In the below statement, what data type is encoded in the outermost component?  [  {  "Name" : "Alex  },  {  "Course" : "B.Tech"  }  ] |  |  |
|  | A | object |  |  |
|  | B | array |  |  |
|  | C | string |  |  |
|  | D | XML |  |  |
| 50 |  | Which number types are available in the JavaScript but not supported in the JSON? |  |  |
|  | A | Fractional and Rational |  |  |
|  | B | Infinity and Rational |  |  |
|  | C | Rational and Irrational |  |  |
|  | D | Infinity and NaN |  |  |