

Core module 2

1. Find true statement about three schema architecture? * (1 Point)

- A specific database system is described by this framework.
- Separating user applications from physical databases is also achieved by using the three-schema architecture.
- Based on this architecture, there are three tiers. Three different categories are identified for the database.

All of the above

2. What will be the output of the following JavaScript code?

```
<html>
<body>
    <script>var a = 10;

do {
    document.write(a);
    a++;
}
while (a <= 15);
</script>
</body>
</html>
```

* (1 Point)

- 11121314

101112131415

- 1011121314
- 10111213141516

3. The class that represents the regular expressions is _____ * (1 Point)

- RegExpObj
- RegExpClass
- **RegExp**
- StringExp

1. What is the full form of DBMS? * (2 Points)

- Data of Binary Management System
- **Database Management System**
- Database Management Service
- Data Backup Management System

5. What will be the output of the following JavaScript code?

```
int a=4; int b=1; int c=4; If(a==b) document.write(a)
; else if(a==c) document.write(a)
;
else
```

document.write(c); * (1 Point)

- 4
- 1
- **Error**
- 0

6. How many types of DBMS architectures are there? * (1 Point)

- 1
- 2
- **3**

- 4

7. Which of the following class in bootstrap is used to create a big box for calling extra attention? * (1 Point)

- .box
- .container
- .container-fluid
- **.jumbotron**

8. Which is the correct jQuery selector to select all elements having "href" attribute? * (1 Point)

- \$("a[href]")
- \$("a:[href]")
- \$("[href].*)")
- **\$("[href]")**

9. Who created the first DBMS? * (1 Point)

- Edgard frank codd
- **Charles Bachman**
- Charles Babbage
- Sharon B. Codd

10. Which of the following class applies the hover color to a particular row or cell of a table? * (1 Point)

- **.active**
- .success
- .warning
- .danger

11. JSON is a ____ for storing and transporting data. * (1 Point)

php format

xml format JavaScript

text format

12. Which is the correct symbol to insert a comment in JSON? * (1 Point)

- <!--->
- **JSON doesn't support the comments**
- //
- /*...*/

13. In which HTML element, we put the JavaScript code? * (1 Point)

- <javascript>...</javascript>
- <js>...</js>
- **<script>...</script>**
- <css>...</css>

14. Which of these is an example of a proper JSON array? * (1 Point)

- { students=[“Rakhi”, “Sana”, “Tanu”] }

- { "students": [{"Rakhi", "Sana", "Tanu"}] }
- { students:["Rakhi", "Sana", "Tanu"] }
- { **"students":["Rakhi", "Sana", "Tanu"]** }

15. A relational database consists of a collection of * (1 Point)

- Fields
- Records
- **Tables**
- Keys

16. Which of the following is not a framework? * (1 Point)

- JavaScript .NET
- **Cocoa JS**
- jQuery
- All of the above

17. Ajax sends data to a web server _____. * (1 Point)

- before loading the page
- **in the background**
- with reloading the page
- All of the above

18. Which JavaScript method is used to access an HTML element by id?

* (1 Point)

- getElementById()
- getElement(id)
- **getElementById(id)**

- elementById(id)

19. Which of the following is not considered as an error in JavaScript? * (1 Point)

- Syntax error
- Missing of semicolons
- **Division by zero**
- Missing of Bracket

20. An important objective of a __ is to make sure each user has a customized view of the same data while only storing the underlying information once. * (1 Point)

- One-level-architecture
- **Three-level architecture**
- Two-level-architecture
- Four-level architecture

21. Why JavaScript Engine is needed? * (1 Point)

- Both Compiling & Interpreting the JavaScript
- Parsing the javascript
- **Interpreting the JavaScript**
- Compiling the JavaScript

22. What will be the output of the following JavaScript code?
var string2Num=parselnt("1234xyz"); * (1 Point)

- **1234**
- 1234xyz
- Exception
- None of the above

23. The “var” and “function” are ? * (1 Point)

- **Keywords**

- Declaration statements
- Data types
- Prototypes

24. Which looping statement allows XML tags to appear in JavaScript programs and adds API for operating on XML data? * (1 Point)

- for loop
- while loop
- **for/each loop**
- do while loop

25. What will be the output of the following JavaScript code?

```
<p id="demo"></p>
<script>
varjs=50;
js *= 15;
document.getElementById("demo").innerHTML = js;
</script>
```

* (1 Point)

- **750**
- 50
- 65
- 765

26. The method or operator used to identify the array is _____

- isArrayType()
- ==
- ===
- **typeof**

27. Which of the following made AJAX popular. * (1 Point)

- IBM
- Microsoft
- Sun Microsystem
- **Google**

28. Which of the following is correct about Bootstrap Media Query? * (1 Point)

- Media query is a really fancy term for "conditional CSS rule".
- It simply applies some CSS, based on certain conditions set forth. If those conditions are met, the style is applied.
- **Both of the above.**
- None of the above

29. How to create JSON Boolean object? * (1 Point)

- {'name':true/false}
- **{"name":true/false}**
- {name:true/false}
- {"name"=true/false}

30. Which of the following is not a type of database? * (1 Point)

- Hierarchical
- Network
- Distributed
- **Decentralized**

31. Which of the following is known as a set of entities of the same type that share same properties, or attributes? * (1 Point)

- Tuples
- **Entity set**
- Entity Relation model
- Relation set

32. Which term is used to refer to a row. * (1 Point)

- Attribute
- **Tuple**
- Field
- Instance

33. Why we need an event handlers in JS? * (1 Point)

- Allows JavaScript code to alter the behaviour of windows
- Adds innerHTML page to the code
- Change the server location
- Performs handling of exceptions and occurrences

34. Which function is used to convert a JavaScript object into a string? *

- **JSON.stringify()**
- JSON.ToString() JSON.string()
- All of the above

36. What will be the output of the following JavaScript code?

```
var grade='C';
var result;
switch(grade)
```

```
{ case 'A': { result+="10"; break; }

case 'B': { result+=" 9"; break; }

case 'C': { result+=" 8"; break; }

default: result+=" 0"; }document.write(result); * (1 Point)
```

- 10
- 9
- default
- **None of the above**

37. Which of the following is not javascript data types? * (1 Point)

- **Null type**
- Undefined type
- Number type
- All of the mentioned

38. A Database Management System is a type of _____ software. * (1 Point)

- **It is a type of system software**
- It is a kind of application software
- It is a kind of general software
- Both A and C

40. Which type of JavaScript language is ____? * (1 Point)

- Object-oriented
- **Object-based**
- Functional programming
- All of the above

41. E-R model uses which symbol to represent weak entity set * (1 Point)

- Dotted rectangle
- Diamond
- **Doubly outlined rectangle**

- None of the above

42. What will be the output of the following JavaScript code? var
values=["one","two","Three"];
varans=values.shift(); document.writeln(ans); * (1 Point)

- **one**

- two
- three
- error

43. In which year jQuery was initial released? * (1 Point)

- 2004
- 2005
- **2006**
- 2007

44. Which property is used to specify the key type when pressed? * (1 Point)

- keyCode
- keyName
- keyProperty
- **None of the above**

45. Which is the handler method used to invoke when uncaught JavaScript exceptions occur? * (1 Point)

- Onhalt
- **Onerror**
- Both onhalt and onerror
- None of the mentioned

46. Which Schema is also known as Physical Schema? * (1 Point)

- **Internal**
- Conceptual
- External
- None of the above

47. Which is the correct jQuery selector to select all <button> elements and <input> elements with type="input"? * (1 Point)

- \$(".button")
- **\$("#button")**
- \$("button","input type='button'")
- ":button,:input")

48. Which method cancels the current request? * (1 Point)

- cancel()
- **abort()**
- stop()
- pause()

49. Which type of data can be stored in the database? * (1 Point)

- Image oriented data

- Text, files containing data
- Data in the form of audio or video
- **All of the above**

50. Which of the following class is required to be added to the form tag to make it inline? * (1 Point)

- .inline
- **.form-inline**
- .horizontal
- None of the above.

51. Conceptual level is also termed as _____ level. * (1 Point)

- physical
- **Logical**
- Rational
- Transitional

52. In general, a file is basically a collection of all related _____. * (1 Point)

- Rows & Columns
- Fields
- Database
- **Records**

53. Which of the following is record based logical model? * (1 Point)

- **Network Model**
- Object oriented model
- E-R Model

- All of the above
- None of the above

54. A huge collection of the information or data accumulated from several different sources is known as _____ * (1 Point)

- Data Management
- Data Mining
- **Data Warehouse**
- Both B and C

55. The property of InnoDB that enforces foreign key relationships stay intact is called * (1 Point)

- durability
- consistency
- **referential integrity**
- atomicity

56. In E-R diagram attribute is represented by * (1 Point)

- **Ellipses**
- Dashed ellipse
- Rectangle
- Triangle

57. Which one is not a type of database ? * (1 Point)

- Mysql
- Sybase
- PostgreSQL
- **None of the above**

58. The architecture of a database can be viewed as the _____ * (1 Point)

- One level
- Two-level
- **Three-level**
- Four level

59. Which of the following keys is generally used to represents the relationships between the tables? * (1 Point)

- Primary key
- **Foreign key**
- Secondary key
- None of the above

60. Which of the following statements is not correct? * (1 Point)

- The primary key must be unique for a given table
- **Specifying a zero (0) for the lower bound for the association multiplicity on a class diagram indicates that the item is required**
- Specifying a one (1) for the lower bound for the association multiplicity on a class diagram indicates that the item is required
- Most databases allow multiple records that are identical

61. _____ is a set of one or more attributes taken collectively to uniquely identify a record. * (1 Point)

- Primary Key
- Foreign key
- Super key
- Candidate key

62. Full form of SQL * (1 Point)

- Standard query language
- Sequential query language
- **Structured query language**
- Server-side query language

63. Which of following are the properties of entities ? * (1 Point)

- Groups
- Table
- **Attributes**
- Switchboards

64. Which one of the following refers to the total view of the database content? * (1 Point)

- **Conceptual view**
- Physical view
- Internal view

- External view

65. Which type of relation of between students and courses is : * (1 Point)

- 1:1 relationship
- 1:M relationship
- **M:M relationship**
- None of these

66. Course(course_id,sec_id,semester)

Here the course_id,sec_id and semester are _____ * (1 Point)

- **Attribute**

- Relation
- Tuple
- None of the above

67. What is an Instance of a Database? * (1 Point)

- **The state of the database system at any given point of time**
- The entire set of attributes of the Database put together in a single relation
- The initial values inserted into the Database immediately after its creation
- The logical design of the database system

68. E-R model uses this symbol to represent weak entity set * (1 Point)

- Diamond
- Dotted Rectangle
- **Doubly Outlined Rectangle**
- None Of These

69. Data independence means * (1 Point)

- Programs are not dependent on the logical attributes of the data

- Programs are not dependent on the physical attributes of the data

• **Both**

- None

70. Relational algebra is * (1 Point)

- Data definition language

- Meta language

• **Procedural query language**

- None Of Above

71. An _____ is a set of entities of the same type that share the same properties, or attributes. * (1 Point)

• **Entity set**

- Attribute set

- Relation set

- Entity model

72. Which of the following levels is considered as the level closest to the end-users? * (1 Point)

- Internal Level

• **External Level**

- Conceptual Level

- Physical level

73. A data model is - * (1 Point)

- Used to describe structure of a database

- Set of basic operations on the database

• **Both of the above**

- None of the above

74. Which of the following refers to the level of data abstraction that describes exactly how the data actually stored? * (1 Point)

- Conceptual Level
- **Physical Level**
- File Level
- Logical Level

75. The data model which describes how the data is actually stored is - * (1 Point)

- **Internal model**
- External model
- Logical model
- None of these

76. What is information about data called? * (1 Point)

- Hyper data
- Tera data
- **Meta data**
- Relations

77. Which one of the following attribute can be taken as a primary key? * (1 point)

- **Id**
- Name
- Class
- Department

78. An entity set that has a primary key is called as _____ * (1 Point)

- **Strong entity set**

- Weak entity set
- Complete entity set
- None of the mentioned

79. In a relational schema, each tuple is divided into fields called * (1 Point)

- Queries
- **Domains**
- Relations
- All of the above

80. The attribute AGE is calculated from DATE_OF_BIRTH. The attribute AGE is * (1Point)

- **Single valued**
- Multi valued
- Composite
- Derived

81. A row is called a _____, in relational data model. * (1 Point)

- **Tuple**
- Domain
- Attribute
- All of the above

82. Which of the following refers to the number of tuples in a relation? * (1 Point)

- Entity
- Column

• Cardinality

- None of the above

83. Which of the following refers to the number of attributes in a relation? * (1 Point)

• Degree

- Row
- Column
- All of the above

84. Which one of the following is commonly used to define the overall design of the database? * (1 Point)

- Application program
- Data definition language

• Schema

- Source code

85. To which of the following the term "DBA" referred? * (1 Point)

- Data Bank Administrator
- **Database Administrator**
- Data Administrator
- None of the above

86. One of the following is a valid record-based data model - * (1 Point)

- Object-oriented model
- **Relational model**
- Entity-relationship model
- None of the above

87. Which of the following can be a multivalued attribute? * (1 Point)

- **Phone_number**
- Name
- Date_of_birth
- All of the mentioned

88. What are composite attributes? * (1 Point)

- They are those attributes which cannot be further divided into other attributes
- **They are those attributes which can further be divided into other attributes**
- They are those attributes which are essentially the primary keys of the relation
- None of the mentioned

89. Which of the following symbols represent relationship sets in an ER diagram * (1 Point)

- Divided rectangles
- **Diamonds**
- Lines
- Undivided rectangles

90. A _____ is an association among several entities. * (1 Point)

- **Relationship**
- Association
- Set
- Combination

91. In an ER model, is described in the database by storing its data. * (1 Point)

- **Entity**

- Attribute
- Relationship
- Notation

92. What is the full form of DBMS? * (1 Point)

- Data of Binary Management System
- **Database Management System**
- Database Management Service
- Data Backup Management System

93. A schema describes * (1 Point)

- Record Relationship
- Data Elements
- Record and files
- **All of the above**

94. Which structure is used to display the image of database? * (1 Point)

- **Cylindrical**
- Circle
- Rectangular
- None of the above

95. Which of the following is not an example of DBMS? * (1 Point)

- MySQL
- Microsoft Access
- IBM DB2
- **None of the above**

96. A top-to-bottom relationship among the items in a database is established by

a _____ * (1 Point)

- **Hierarchical schema**
- Network schema
- Relational Schema
- All of the above

97. What do you mean by one to many relationships? * (1 Point)

- **One teacher can have many classes**
- Many classes may have many teachers
- Many teachers may have many classes
- None of the above

98. We indicate roles in E-R diagrams by labeling the lines that connect

_____ to _____ * (1 Point)

- Diamond , diamond
- Rectangle, diamond
- Rectangle, rectangle
- **Diamond, rectangle**

99. which of the following can also be represented by the term "attribute" in

relational table? * (1 Point)

- Entity
- Row
- **Column**

- All of the above

100. A _____ is a property of the entire relation, rather than of the individual tuples in which each tuple is unique. * (1 Point)

- Rows
- **Key**
- Attribute
- Fields

101. A _____ key is a minimal super key * (1 Point)

- Primary
- Foreign
- **Candidate**
- Non-Prime

102. Which type of language is JavaScript? * (1 Point)

- **Scripting**
- Markup
- Programming
- None of the above

103. In general, event handler is nothing but * (1 Point)

- interface
- **function**
- event
- handler

104. In which HTML element, we put the JavaScript code? * (1 Point)

- <javascript>...</javascript>

- <js>...</js>
- **<script>...</script>**
- <css>...</css>

105. Which JavaScript method is used to write on browser's console? * (1Point)

- console.write()
- console.output()
- **console.log()**
- console.writeHTML()

106. Who developed the bootstrap? * (1 Point)

- Mark Jukervich
- James gosling
- **Mark Otto and Jacob Thornton**
- Dennis Ritchie

107. Which of the following sign is used as a shortcut for jQuery? * (1 Point)

- the % sign
- **the \$ sign**
- the @ sign
- the & sign

108. The jQuery method used to perform an asynchronous HTTP request

*(1Point)

- jQuery ajaxSetup() method
- jQuery ajaxSync() method

- **jQuery ajax() method**

- All the above

109. The correct syntax of creating a standard navigation bar is ? *

(1 Point)

- <nav class="navigationbarnavbar">
- <nav class="navbar default">
- <nav class="navnavbar
- **<nav class="navbar navbar-default">**

110. Which of the following class in Bootstrap is used to create a basic list group?

*(1 Point)

- .grouped-list
- .select-list
- **.list-group**
- .list-grouped

111. What is the full form of CDN ? * (1 Point)

- Content delivery network
- Content distribution network
- none of the above
- **All of the above**

112. What is full form of JSON ? * (1 Point)

- **JavaScript Object Notation**
- Java Object Notation
- JavaScript Object Normalization
- JavaScript Object-Oriented Notation

113. Who is the creator of JSON? * (1 Point)

- Alvin Alexander
- RasmusLerdorf
- **Douglas Crockford**
- Jesse James Garrett

114. In the JSON syntax data contains * (1 Point)

- class/object
- **name/value**
- datatype/variable
- value/=

115. Correct syntax of writing JSON name/value pair, where the value is of string type? * (1 Point)

- **"name" : "value"**
- "name" : value
- "name" : 'value'
- 'name' : 'value'

116. Which is the correct example of a JSON object with name, class, and city? * (1 Point)

- **{ "record": {"name": "Alex", "class": "adit", "city": "London"} }**
- { "record"= {"name": "Alex", "class": "adit", "city": "London"} }
- { "record": {"name": Alex, "class": adit, "city": London} }
- { record : {"name": "Alex", "class": "adit", "city": "London"} }

117. Which function is used to convert text into a JavaScript object? * (1 Point)

- **JSON.parse()**

- string.parse()
- object.parse()
- none of the above

118. jQuery is a _____. * (1 Point)

- **JavaScript Library**
- JSON Library
- Java Library
- JSON and CSS Library

119. Which jQuery is used to hide the current element? * (1 Point)

- \$(this).hideelement()
- \$(this).hide('true')
- \$(this).hide(0)
- **\$(this).hide()**

120. Which is the correct jQuery statement to hide all elements having id name "new"? * (1 Point)

- \$("new").hide()
- \$(new).hide()
- \$(".new").hide()
- **\$("#new").hide()**

1210. Which are the jQuery methods for traversing up the DOM tree? * (1 Point)

- parent()
- parents()
- parentsUntil()

- **All of the above**

121. Which jQuery method is used to get all direct children of the selected element? * (1 Point)

- **children()**

- find()
- childrens()
- Both A. and B.

122. Which is the correct statement to convert the below given array to string?

constarr = ["Alex", "Alvin", "Bobby", "Dock"]; * (1 Point)

- constjson_arr = JSON.string(arr);
- constjson_arr = JSON.ToString(arr);
- constjson_arr = JSON.ArrayToString(arr);
- **constjson_arr = JSON.stringify(arr);**

123. In the below statement, what is the type of "age"?

{"name":"Alvin", "age":21, "sports":["Cricket", "Football", "Running"]} *

(1 Point)

- **number**

- string
- integer
- long

124. In the JSON syntax, array is written within in ____.* (1 Point)

- **Square brackets**
- Curley braces

- Paratheses
- None of the above

125. Which is the correct jQuery selector to select all elements? * (1 Point)

- `$(“all”)`
- `$(“*.*”)`
- `$(“*”)`
- `$(“***”)`

126. Ajax stands for _____. * (1 Point)

- **Asynchronous JavaScript and XML**
- Asynchronous JSON and XML
- Asynchronous Java and XML
- Asynchronous JavaScript and XMLHttpRequest

127. What is the correct syntax to create an XMLHttpRequest object? * (1 Point)

- XMLHttpRequest() variable
- XMLHttpRequest() variable;
- variable = new XMLHttpRequest()
- **variable = new XMLHttpRequest();**

128. Which is the correct syntax to call an external JavaScript file in the current HTML document? * (1 Point)

- **<script src="jsfile.js"></script>**
- `<script link="jsfile.js"></script>`
- `<script href="jsfile.js"></script>`
- `<script src=jsfile.js></script>`

129. In JavaScript, multi-line comments start with __ and end with __. * (1 Point)

- **/* and */**
- <!--and -->
- ## and ##
- // and //

130. What is the output of the following JavaScript code?

```
<script>  
var a = 10 + 20 + "5";  
document.getElementById("demo").innerHTML = a; </script> * (1 Point)
```

- 35
- **305**
- TypeError
- ValueError

131. What will be the output of the following JavaScript code?

```
<script>var x = (20 + 20) * 5;  
document.getElementById("tes").innerHTML = x;  
</script> * (1 Point)
```

- **200**
- 120
- TypeError
- none of the above

132. Which JavaScript operator is used to determine the type of a variable? * (1 Point)

- type of
- TypeOf
- **typeof**

- typeOf

133. Which is the alternative to the load event? * (1 Point)

- readychange
- changestate
- **readystatechange**
- contentloader

134. Which is the property that is triggered in response to JavaScript errors?

*(1Point)

- onexception
- onmessage
- **onerror**
- onclick

135. When is the mouseout event fired? * (1 Point)

- **When mouse is no longer over an element**
- When mouse is over an element
- When mouse is hovered
- None of the mentioned

136. Which function among the following lets to register a function to be invoked once? * (1 Point)

- **setTimeout()**
- setTotaltime()
- setInterval()
- none of the mentioned

137. Which property is used to specify the key type when pressed? * (1 Point)

- **keyCode**
- keyboardType
- keyName
- keyProperty

138. The focus and blur events are also part of _____ * (1 Point)

- Element events
- Handler events
- **Window events**
- Scroll events

139. Which of the following class in Bootstrap is used to provide a responsive fixed width container? * (1 Point)

- .container-fixed
- .container-fluid
- **.container**
- All of the above

140. The class used to shape an image to a circle is * (1 Point)

- .img-rounded
- **.img-circle**
- .img-rounded
- None of the above

141. Which of the following class in Bootstrap is used to indicate the uppercased text? * (1 Point)

- .text-capitalize
- .text-upper
- .uppercase
- **.text-uppercase**

142. The class used to right align the navigation bar buttons is * (1 Point)

- .navbar-rgt
- .navbar-btn

- **.navbar-right**

- .navbar-default

143. Which of the following grid class in Bootstrap is used for desktops? * (1

Point)

- xs
- sm
- lg
- **md**

144. Which of the following class indicates a warning that might need attention?

* (1 Point)

- .active
- .success
- **.warning**
- .danger

145. Which of the following is the default layout of a bootstrap form? *(1 Point)

- **.vertical**

- .inline
- .horizontal
- None of the above.

146. Which of the following bootstrap style of buttons creates a default/ standard button? * (1 Point)

- **.btn**

- .btn-primary
- .btn-success
- .btn-info

147. Which is the correct jQuery statement to hide all <div> elements? * (1 Point)

• **\$("div").hide()**

- \$(div).hide()
- \$(".div").hide()
- \$("#div").hide()

148. What is the use of jQuery Selectors? find the correct statements. * (1 Point)

• **jQuery selectors are used to select and manipulate HTML element(s).**

- jQuery selectors are used to import the HTML elements from the other file.
- jQuery selectors are used to select and manipulate JSON elements(s).
- jQuery selectors are used to select and manipulate ReactJS classes.

149. Which is the correct jQuery selector to select the first list item of every

 element? * (1 Point)

• **\$("ul li:first-child")**

- \$("ulli:first.*")
- \$("li:first-child")
- \$("ul:first-child")

150. Which method is used to attach an event handler function to an HTML element when the left, middle or right mouse button is pressed down, while the mouse is over the HTML element? * (1 Point)

• **mousedown()**

- mousekey()
- mouseover()

151. How can you get the total number of arguments passed to a function? * (1 Point)

• Using args.length property

• **Using arguments.length property**

• Both of the above.

• None of the above.

152. Which built-in method returns the length of the string? * (1 Point)

• **length()**

• size()

• index()

• None of the above.

153. Which sign does jQuery use as a shortcut for jQuery? * (1 Point)

• the % sign

• the ? Sign

• **the \$ sign**

• the @ sign

154. What is the correct jQuery code to set the background color of all p elements to red? * (1 Point)

• \$("p").layout("background-color","red");

• \$("p").manipulate("background-color","red");

• **\$("p").css("background-color","red");**

• \$("p").style("background-color","red");

155. Find the correct statement:- * (1 Point)

• To use jQuery, you do not have to do anything. Most browsers(Internet Explorer,

- Chrome, Firefox and Opera) have the jQuery library built in the browser
- **To use jQuery, you must buy the jQuery library at "www.jquery.com"**
- To use jQuery, you can refer to a hosted jQuery library at Google
- All the above

156. Which jQuery function is used to prevent code from running, before the document is finished loading? * (1 Point)

- `$(document).load()`
- **`$(document).ready()`**
- `$(body).onload()`
- None of the above

157. Which statement best explains what "unobtrusive JavaScript" is? * (1 Point)

- JavaScript that doesn't annoy users
- **JavaScript that is separate from HTML**
- JavaScript that does not affect a web page
- JavaScript that works even with scripting turned off

158. What is the correct JavaScript syntax to write "Hello World"? *(1 Point)

- **`document.write("Hello World")`**
- `("Hello World")`
- `response.write("Hello World")`
- D. "Hello World"

159. What is jQuery? Find the correct statement:- * (1 Point)

- **jQuery is a library of JavaScript Functions.**
- jQuery stands for Structured Query Language
- jQuery stands for Cascading Style Sheets. jQuery

- communication between computers on the Internet.

160. The Jquery library contains the following features;- * (1 Point)

- Html/ Dom Manipulation
- CssManiulation
- Html Event Methods
- Effects and animations

• **All of above**

161. How many versions are avaiable for downloading the Jquery? * (1 Point)

- Production Version
- Development version None
- of the above

• **both of the above**

162. Find the correct Syntax for hide all p elements:- * (1 Point)

- `$(this).hide()`
- **`$("p").hide()`**
- `$(".test").hide()`
- `$(".test).hide()`

163. which symbol is used to find an element with a specific id:- * (1 Point)

- **#**

- >
- \$
- .

164. Which function do you reference in HTML form data? * (1 Point)

- value()
- formData()
- **val()**
- None of the above

165. Which is the correct jQuery selector to select all <button> elements and <input> elements with type="input"? * (1 Point)

- \$(".button")
- ":button"
- \$("button","input type="button")
- \$(":button,:input")

166. Which is the correct jQuery selector to select all odd table rows? * (1 Point)

- \$("tr:odd")
- \$("tr.odd")
- "tr:odd"
- \$("tr:#odd")

167. Which method is used to attach an event handler function to an HTML element on mouse double click? * (1 Point)

- click()

- Click()
- **dblclick()**
- DblClick()

168. Which method is used to attach an event handler function to an HTML element when the mouse moves over the HTML elements? * (1 Point)

- mousemove()
- mouseover()
- **hover()**
- mouseover()

169. What is the use of jQuery method toggle()? * (1 Point)

- **To hide shown elements and to show hidden elements**
- To remove current element
- To shift current element at the previous position
- All of the above

170. In jQuery DOM, what does DOM stand for? * (1 Point)

- Data Object Model
- Document Object Manipulation
- **Document Object Model**
- Document On Model

171. Which is the correct syntax to set the value of a CSS style attribute/property using the css() method? * (1 Point)

- `css("propertyname"="value");`
- **`css("propertyname","value");`**
- `css("propertyname":"value");`
- `css("propertyname":="value");`

172. Which jQuery method is used to get the direct parent element of the selected element? * (1 Point)

- **`parent()`**
- `parents()`
- `parentsUntil()`
- All of the above

173. There are multiple <h3> elements in an HTML document, which is the correct jQuery statement to get the last <h3> element? * (1Point)

- **`$("#h3").last();`**
- `$("#h3").children();`
- `($("#h3").lastChild();`
- `($("#h3").down();`

174. If the names of variables are the same, then which of the following type of variable takes precedence? * (1 Point)

- **local variable**
- global variable
- both (a) & (b)
- None of the above

175. Which of the following is the correct code in jQuery to make all div elements 80px high? * (1 Point)

- **\$("div").height(80);**

- \$("div").height = "80" ;
- \$("div").height = 80 ;
- None of the above

176. Can we use multiple document.ready() function on the same page? * (1Point)

- Maybe

- **Yes**

- No
- none of the above

177. Which of these is NOT a valid comment in JavaScript? * (1 Point)

- // This is a comment
- /* This is a comment. */
- **/*This is a comment**
- none of the above

178. JQuery a library is for:- * (1 Point)

- **client scripting**
- server scripting
- both of the above
- none of the above

179. \$.abc() is equivalent to? * (1 Point)

- javascript.abc()
- document.abc()
- **jQuery.abc()**

- None of the above

180. Which method is not used for filtering in jQuery? * (1 Point)

- first()
- eq()
- last()
- **none of the above**

181. To separate single list, use. *(1Point)

- and
- and
- ** and **
- All of the above

182.Which is/are the valid JavaScript method(s) to extract string parts? * (1 Point)

- slice(start, end)
- substring(start, end)
- **substr(start, length)**
- **All of the above**

183.JavaScript objects are written with _____. * (1 Point)

- round brackets ()
- **curly brackets {}**
- double quotes ""
- square brackets []

184. Which property is used to specify the key type when pressed ? *(1 Point)

- **keyCode**
- keyType

- keyName
- keyProperty

185.What is the correct HTML for creating a hyperlink? * (1 Point)

- <a>https://w.w.w.gkseries.com
- Gkseries.com
- Gkseries.com
- ** Gkseries.com**

186.Which company made Ajax popular? * (1 Point)

- Oracle
- **Google**
- Microsoft
- facebook
-

- 187.HTML is stand for _____ * (1 Point)

• **Hyper Text Markup Language**

- Holistick Technical Method Library
- Hyper Tax Makes Line
- None of the above

- 188.What will be the added by using <td> and </td> tag? * (1 Point)

- rows
- steps
- cell
- **columns**

- 189.Gif and jpg are the two main types of what? * (1 Point)

- animated effects
- videos
- **images**
- None of the above

- 190. The CSS property used to control the element's font-size is _____.*(1 Point)

- **font-size**
- text-size
 - text-style
 - None

191. Which is the property that is triggered in response to JavaScript errors? * (1 Point)

- onexception
- onmessage
- **onerror**
- onclick

192.What will be the output of the following JavaScript code? * (1 Point)

```
<script>
    var cars = ["BMW","DUSTER","FORTUNER"];
    var result = cars.shift();
    document.writeln("Result: ", cars);
</script>
```

- Result: BMW, DUSTER, FORTUNER
- Result: BMW
- **Result: DUSTER, FORTUNER**
- Result: BMW, FORTUNER

193.Which tag create a check box for a form in HTML? * (1 Point)

- <checkbox>
- <select>
- <input type="checkbox">
- **None of the above**

194.Which JavaScript method is used to get a number as a string? * (1 Point)

- **toString()**

- intToString()
- parseInteger()
- All of the above

195. Which of the following CSS selector is used to specify a rule to bind a particular unique element? * (1 Point)

- tag

- **id**

- class
- all of the above

196.CSS stands for _____ * (1 Point)

- Color and style sheets
- **Cascading style sheets**
- Cascade style sheets
- None

197.To start a list using circles, use ? *(1 Point)

- <ul “round”>
- **<ul type=”circle”>**
- <ul type=”round”>
- <ul =”round”>

198.Which function is used to convert a JavaScript object into a string? * (1 Point)

- JSON.string()

- **JSON.stringify()**

- JSON.ToString()
- JSON.parse()

199. In which HTML element, we put the JavaScript code? * (1 Point)

- <javascript>...</javascript>

- <js>...</js>

- **<script>...</script>**

- <css>...</css>

200. Which one of the following is correct javascript code for the following Output

GoodEvening:

- **string X= "Good"; string Y="Evening"; alert(X+Y);**

- string X= Good; string Y="Evening"; alert(X+Y);
- String X= Good; string Y=Evening; alert(X+Y);
- none of the above

201. What will be the output of the following JavaScript code? * (1 Point) <script> let x = "10"; let y = + x; document.write(typeof y); </script>

- string
- object
- undefined
- **number**

202. Which is the correct syntax to call an external JavaScript file in the current

HTMLdocument? * (1 Point)

- **<script src="jsfile.js"></script>**

- <script link=" jsfile.js"></script>
- <import src=" jsfile.js"></import>
- <script href=" jsfile.js"></script>

203. What will be the output of the following JavaScript code? *(1Point)

```
<script>
varmsgs=new Array("Hello","Hey","Morning!");
for (i=0;i<msgs.length;i++)
{
    document.write(msgs[i] + " | ");
}
</script>
```

• **Hello | Hey | Morning! |**

- Hello | Hey |
- ValueError
- TypeError

204.Which of the following is the correct syntax to make the background-color of all

paragraph elements to yellow? * (1 Point)

- all {background-color : yellow;}
- p {background-color : #yellow;}
- **p {background-color : yellow;}**
- all p {background-color : #yellow;}

205. Who is the creator of JSON? * (1 Point)

- Alvin Alexander
- RasmusLerdorf Jesse
- James Garrett
- **none of the above**

206. The CSS property used to make the rounded borders, or rounded corners around an element is _____ * (1 Point)

- **border-radius**
- border-collapse
- border-spacing
- None

207. Which of the following is the correct output for the following JavaScript code * (1Point)

```
var x=3;  
  
var y=3;  
  
var z=0;  
  
If(x==y) document.write(x);  
  
elseif(x==y) document.write(x);  
  
else  
  
document.write(z);
```

- 3
- **0**
- Error
- 2

208.In JavaScript, multi-line comments start with __ and end with ____.* (1 Point)

- **/* and */**
- <!--and -->
- ## and ##
- // and //

209.What is the correct syntax to create an XMLHttpRequest object?

- XMLHttpRequest() variable
- XMLHttpRequest() variable;
- variable = new XMLHttpRequest()
- **variable = new XMLHttpRequest();**

210. In the JavaScript, which one of the following is not considered as an error: * (1 Point)

- Syntax error
- Missing of semicolons
- **Division by zero**
- Missing of Bracket

211.What is the means of Cellpadding? * (1 Point)

- Increase the softness of your site
- Increase the space between cells
- **Increase the distance between cell and content**
- All of the above

212.What kind of list will tags create? * (1 Point)

- **Numbered list**
- Bulleted list
- All of the above
- None of the above

213.How many keywords are there in JavaScript to declare variables or constants?

- 1

- 2

- **3**

- 4

214. Which JavaScript method is used to write HTML output?

- **document.write();**

- document.output()

- console.log()

- document.writeHTML()

215. Which the correct e-mail link? * (1 Point)

- ****

- <mail>xxx@yyy</mail>

-

- <href="xxx@yyy">

216. In the JSON syntax, array is written within in _____. * (1 Point)

- **Square brackets**

- Curley braces

- Paratheses

- None of the above

217.Which type of language is JavaScript? * (1 Point)

- Object-oriented
- **Object-based**
- Functional programming
- All of the above

218.Which symbol is used separate JavaScript statements? * (1 Point)

- Comma (,)
- Colon (:)
- Hyphen (_)
- **Semicolon (;)**

219.Ajax stands for _____. * (1 Point)

- **Asynchronous JavaScript and XML**
- Asynchronous JSON and XML
- Asynchronous Java and XML
- Asynchronous JavaScript and XMLHttpRequest

220.WYSIWYG stands for _____

- **What You See Is What You Get**
- What you See Is What You Gain
- When You Start Is When You Go
- None of the above

221. .Which of the following CSS property is used to set the background image of an element?

- background-color
- **background-image**
- background-attachment
- None

222. Which tag will add rows to your tables? * (1 Point)

- **<tr> and </tr>**
- <th> and </th>
- <td> and </td>
- None of the above

223. The main container for <TR>, <TD> and <TH> is _____ * (1 Point)

- <DATA>
- <GROUP>
- **<TABLE>**
- None of the above

224. Which function is used to convert text into a JavaScript object?

- string.parse()
- **JSON.parse()**
- object.parse()
- All of the above

225.h1 {color: green; text-decoration: underline; font-style: italic;} what will be the output of this code?

- color: green, text-decoration: underline works
- only font-style: italic works
- **color: green, text-decoration: underline and font-style: italic all works**
- text-decoration: underline and font-style: italic works

226.ALL HTML tags are enclosed in what? * (1 Point)

- # and #
- ? and !
- **< and >**
- { and }

227.What is the output of the following JavaScript code? <script>var a = 30 + 20 + "5";
document.getElementById("demo").innerHTML = a; </script>

- **505**
- 55
- type error
- none of the above

228. What will be the value of VALUE? * (1 Point)

```
<script>  
const VALUE = 20; const VALUE = 40;  
</script>
```

- 40
- 20
- ValueError
- **TypeError**

229.In HTML, tags that include both on and off tag are called * (1 Point)

- comment tag
- document tag
- **container tag**
- None of the above

229.Which of the following is the correct syntax for referring the external style sheet?

- <style src = “example.css” >
- <style src = example.css>
- <stylesheet> example.css </stylesheet>
- **<link rel="stylesheet" type="text/css" href="example.css">**

230.The Jquery library contains the followig features;- * (1 Point)

- Html/ Dom Manipulation

- CssManiulation
- Html Event Methods
- Effects and animations
- **All of above**

231.Find the correct statement:-

- To use jQuery, you do not have to do anything. Most browsers(Internet Explorer, Chrome, Firefox and Opera) have the jQuery library built in the browser
- **To use jQuery, you must buy the jQuery library at "www.jquery.com"**
- To use jQuery, you can refer to a hosted jQuery library at Google
- All the above

232.Who developed the bootstrap? * (1 Point)

- James Gosling
- Mark Jukervich
- Dennis Ritchie
- **Mark Otto and Jacob Thornton**

233.Which of the following grid class in Bootstrap is used for Phones? * (1 Point)

- **xs**
- sm
- lg
- md

234. Can we use multiple document.ready() function on the same page?

- Maybe
- **Yes**
- No
- none of the above

235.Which sign does jQuery use as a shortcut for jQuery? * (1 Point)

- the % sign
- the ? Sign
- **the \$ sign**
- the @ sign

236.Which method is used to attach an event handler function to an HTML element on mouse double click? * (1 Point)

- click()
- Click()
- **dblclick()**
- Dblclick()

- 237.What is the correct JavaScript syntax to write “Hello World”? * (1 Point)

• `document.write("Hello World");`

- `("Hello World")`
- `response.write("Hello World")`
- `"Hello World"`

238. The correct syntax to set the background color of all h1 elements to yellow in jQuery-

- `$("h1").style("background-color","yellow");`
- `$("h1").html("background-color","yellow");`
- `$("h1").css("background-color","yellow");`**
- `$("h1").layout("background-color","yellow");`

239.Which of the following class in Bootstrap is used to indicate the uppercased text?

- `.text-capitalize`
- `.text-upper`
- `.uppercase`
- `.text-uppercase`**

240.The class used to right align the navigation bar buttons is -

- `.navbar-rgt`
- `.navbar-btn`
- `.navbar-right`**
- `.navbar-default`

241.What is the correct jQuery code to set the background color of all p elements to red? *

(1 Point)

- `$("p").layout("background-color","red");`
- `$("p").manipulate("background-color","red");`

- `$(“p”).css(“background-color”, “red”);`

- `$(“p”).style(“background-color”, “red”);`

242. Which method is used to attach an event handler function to an HTML element when the mouse moves over the HTML elements? * (1 Point)

- `mousemove()`

- `mouseover()`

- **hover()**

- `mousehover()`

243.Which method is not used for filtering in jQuery?

- `first()`

- `eq()`

- `last()`

- **none of the above**

244.In jQuery DOM, what does DOM stand for? * (1 Point)

- Data Object Model

- Document Object Manipulation

- **Document Object Model**

- Document On Model

245.JQuery a library is for:- * (1 Point)

- **client scripting**

- server scripting

- both of the above

- none of the above

246.If the names of variables are the same, then which of the following type of variable takes precedence?

- **local variable**

- global variable
- both (a) & (b)
- None of the above

247.Which is the correct syntax to set the value of a CSS style attribute/property using the css() method?

- `css("propertynname"="value");`
- **`css("propertynname","value");`**
- `css("propertynname": "value");`
- `css("propertynname":= "value");`

248.What does the "min" mean in the following JavaScript code? * (1 Point) <script

`src="jquery-1.4.2.min.js"></script>`

- **Minimised version**
- Miniature
- Minimised parameters
- Minimum value

249.Which of the following is correct method to add a success button?

- **`<button class = "btn btn-success"> success </button>`**
- `<button class = "btn button-success"> success </button>`
- `<button class = "button btn-success"> success </button>`
- `<button class = "button btn-primary"> success </button>`

250.Which is the correct jQuery selector to select all <button> elements and <input> elements with type="input"?

- `$(".button")`
- **`(":button")`**
- `("button","input type="button")`
- `(":button,:input")`

251.What is the use of jQuery method toggle()? * (1 Point)

- **To hide shown elements and to show hidden elements**
- To remove current element
- To shift current element at the previous position
- All of the above

252.Which jQuery function is used to prevent code from running, before the document is finished loading? * (1 Point)

- `$(document).load()`
- **`$(document).ready()`**
- `$(body).onload()`
- None of the above

253._____ is a sleek, intuitive, and powerful mobile first front-end framework for faster and easier web development.

* (1 Point)

- HTML
- **Bootstrap**
- CSS
- Meta

254.Which of the following class in Bootstrap is used for creating the small size modals? * (1 Point)

- `.modal-large`
- **`.modal-sm`**
- `.modal-big`
- `.modal-lg`

255. There are multiple `<h3>` elements in an HTML document, which is the correct jQuery statement to get the last `<h3>` element?

- **`$("h3").last();`**
- `$("h3").children();`
- `$("h3").lastChild();`

- \$("h3").down();

256.Which jQuery method is used to get the direct parent element of the selected element? * (1 Point)

- **parent()**

- parents()
- parentsUntil()
- All of the above

257.Which of the following class in Bootstrap is used to create a basic list group? * (1 Point)

- .grouped-list
- .select-list
- **.list-group**
- .list-grouped

258.Which of the following class in Bootstrap is used to create a dropdown menu?

- **.dropdown**
- .select
- .select-list
- None of the above

259.What is jQuery? Find the correct statement:- * (1 Point)

- **jQuery is a library of JavaScript Functions.**

- jQuery stands for Structured Query Language
- jQuery stands for Cascading Style Sheets.
- jQuery communication between computers on the Internet.

260.How many versions are available for downloading the Jquery? * (1 Point)

- Production Version
- Development version
- None of the above
- **both of the above**

261.Find the correct Syntax for hide all p elements:-

- `$(this).hide()`
- **`$("p").hide()`**
- `$(".test").hide()`
- `$(".test").hide()`

262.Which function do you reference in HTML form data? * (1 Point)

- `value()`
- `formData()`
- **`val()`**
- None of the above

263.Which of the following indicates a dangerous or potentially negative action? * (1 Point)

- `.active`
- **`.danger`**
- `.warning`
- None of the above

264.Which of these is NOT a valid comment in JavaScript?

- `// This is a comment`
- `/* This is a comment. */`
- **`/* This is a comment`**
- none of the above

265. Which of the following class in Bootstrap is used to create a large button? * (1 Point)

- .btn-xl
- .btn-lrg
- .btn-large
- **.btn-lg**

266. Which of the following class in Bootstrap is used to provide a responsive fixed width container?

- .container-fixed
- .container-fluid
- **.container**
- All of the above

267.The class used to shape an image to a circle is - * (1 Point)

- **.img-circle**
- .img-rounded
- .img-round
- All of the above

268.Which symbol is used to find an element with a specific id:- * (1 Point)

- **#**
- >
- \$
- .

269.Which is the correct jQuery selector to select all odd table rows? * (1 Point)

- \$("tr::odd")
- \$("tr.odd")
- **\$("tr:odd")**
- \$("tr:#odd")

270.Which is the method that operates on the returnvalue of \$()?

- show()
- **css()**
- click()
- done()

271.Which of the following class in Bootstrap is used to create a button as a link? * (1 Point)

- .btn-anchor
- **.btn-link**
- .btn-hyperlink
- None of the above

272. How many types of lists supported by Bootstrap? * (1 Point)

- 1
- 2
- 3
- 4

273.How can you get the total number of arguments passed to a function?

- Using args.length property
- **Using arguments.length property**
- Both of the above.
- None of the above.

274. The plugin used to create a cycle through elements as a slideshow is - * (1 Point)

- slideshow
- scrollspy
- **carousel**
- None of the above

275.Which built-in method returns the length of the string? * (1 Point)

- **length()**
- size()
- index()
- None of the above.

276. `$.abc()` is equivalent to?

- `javascript.abc()`
- `document.abc()`
- **jQuery.abc()**
- None of the above

277. The correct syntax of creating a standard navigation bar is? * (1 Point)

- `<nav class="navigationbarnavbar">`
- **`<nav class="navbar navbar-default">`**
- `<nav class="navnavbar">`
- `<nav class="navbar default">`

278. Which of the following is the correct code in jQuery to make all div elements 40px high?

- **`$("div").height(40);`**
- `$("div").height = "40" ;`
- `$("div").height = 40 ;`
- None of the above

279. How many columns are allowed in a bootstrap grid system?

- 2
- **12**
- 3
- 5

280. In a relation, ___ are selected using the tuple relational calculus.

- Attributes
- **Tuples**

- Relation
- Calculus

281 Which key is commonly known as a subset of a super key? * (1 Point)

- **Candidate key**

- Foreign key
- Primary key
- Unique key

282. Which statement helps us to get the definition of a particular table at a time?

- Show table

- **Describe**

- Use table
- All of the above

283. Renaming the output relation is done via the __ operation. * (1 Point)

- Update
- Alter

- **Rename**

- Reverse

284. Which one is a non-procedural query language? * (1 Point)

- Relational Algebra
- **Relational Calculus**
- Ambiguous Calculus
- None of the above

285. For select operation the _____ appear in the subscript and the

_____ argument appears in the parenthesis after the sigma. (1 Point)

- **Predicates, relation**
- Relation, Predicates
- Operation, Predicates
- Relation, Operation

286. In which operation all the tuples are there in the given two tuples? *

(1 Point)

- Union
- Select
- Rename

- **Set Intersection**

287. Which command is used to see all the databases ? * (1 Point)

- Show database;
- **Show databases;**
- Show database();
- Show_all database;

288. Which of the following is SET Operators * (1 Point)

- UNION
- INTERSECT
- MINUS
- UNION ALL
- **All of the above**

289. The expression used in relational calculus to specify request of retrieval is classified as * (1 Point)

- **declarative expression**
- procedural expression
- structural expression
- functional expression

290. In which operation we can display a list of the attributes as a result?

- Select
- **Project**
- Union
- Rename

291. **What does Set Intersection Operation denote as?** * (1 Point)

- U
- **n**
- Π

- |

292. What is the T in Tuple Relational Calculus's Notation? * (1 Point)

- Input Tuples
- **Resulting Tuples**

- Both A and B
- None of the above

293. Which syntax you will follow to drop a column using alter statement ?

- ALTER table_name TABLE DROP COLUMN column_name;
- **ALTER TABLE table_name DROP COLUMN column_name;**
- ALTER table_name TABLE DROP COLUMN row_name
- None

294. Which of the following is NOT a type of relational operation? *

(1 Point)

- Select Operation
- Set Difference
- **Set Update**
- Cartesian Product

295. a1, a2, ... an notation in DRC are defined as * (1 Point)

- Tuples
- **Attributes**
- Both A and B
- None of the above

296. In the statement(use students ;), what do you mean by the 'student'? *

- **Database name**
- Row name
- Column name
- Table name

297. In which symbol Project Operation is denoted * (1 Point)

- P
- R
- O
- **Π**

298. The number of attributes in relation is called as its * (1 Point)

- Cardinality
- **Degree**
- Tuples
- Entity

299. Which type of join combines the result from both the tables and returns us the Cartesian product of the values? * (1 Point)

- Right join
- Left join
- Inner join
- **Cross join**

300. What does Set Difference Operation denote as?

- +
- U
- \cap
- **-**

301. Which of the following is the correct syntax to add a field using alter command? * (1 Point)

- **ALTER TABLE table_name ADD field_name data type;**
- ALTER TABLE table_name, field_name data type;
- ALTER TABLE field_name data type;
- All of the above

302 In Relational Algebra, queries are performed using ___. * (1 Point)

- Entities
- Relationships
- **Operators**
- Objects

303. Which command you will use to add a row in a table ? * (1 Point)

• **INSERT INTO**

- ADD
- ALTER
- CREATE

304. DRC uses logical connectives * (1 Point)

- \wedge (and)
- \vee (or)
- \neg (not)

• **All of the above**

305. Find the ID, name, dept name, salary for instructors whose salary is greater than \$50,000 . * (1 Point)

• **{t | t \in instructor \wedge t[salary] > 50000}**

- $\exists t \in r (Q(t))$
- $\{t | \exists s \in \text{instructor} (t[\text{ID}] = s[\text{ID}] \wedge s[\text{salary}] > 50000)\}$
- None of the mentioned
-

306. What is the difference between UNION & UNION ALL operators? *

• **Combining the results of two select statements will be done using UNION whereas**

combined records from both queries are returned by UNION ALL operator.

- Combining the results of two select statements will be done using UNION ALL whereas combined records from both queries are returned by UNION operator.

- After performing the UNION operation, duplicate rows will not be removed whereas after performing the UNION ALL operation, duplicate rows will be removed.
- All of the above

307. Which statement you will use to delete the entire data of a table without disturbing the table definition?

- DELETE
- **TRUNCATE**
- DROP
- CLEAR

308. Binding the variable is done by * (1 Point)

- Existential Functions (\exists)
- Universal Quantifier Functions (\forall)
- **Both A and B**
- None of the above

309. ALTER command is a type of which SQL command? * (1 Point)

- DML
- **DDL**
- DCL
- DQL

310. How many types of relational calculus are there? * (1 Point)

- 1
- **2**
- 3
- 4

311. If we want to retain all duplicates, we must write _____ in place of union. *

- **Union all**
- Union some
- Intersect all
- Intersect some

312. Which of the following is a type of relational operation? * (1 Point)

- Project Operation
- Union Operation
- Set Difference
- **All of the above**

313. The types of quantifiers are__ * (1 Point)

- universal quantifier
- existential quantifier
- local quantifier
- **both a and b**

314. SELECT is a type of which SQL command? * (1 Point)

- DML
- DDL
- DCL
- **DQL**

315. TRC can be _____. * (1 Point)

- **Quantified**
- Qualified
- Destroyed
- Created

316. Choose the correct syntax of DRC's notation * (1 Point)

- **{a₁, a₂, a₃, ..., a_n | P (a₁, a₂, a₃, ..., a_n)}**
- {P(a₁, a₂, a₃, ..., a_n) | a₁, a₂, a₃, ..., a_n}
- {P(a₁, a₂, a₃, ..., a_n)}
- {a₁, a₂, a₃, ..., a_n}

317. The domain of __ is used when filtering variables using domain relational calculus. * (1 Point)

- **Attributes**
- Tuples
- Both a and b

- None of the above

318. Select operation is denoted by * (1 Point)

- σ

- R
- P
- S

319. Which of the following command is used to delete a database? *

- DELETE DATABASE_NAME;
- DROP DATABASE_NAME;
- **DROP DATABASE DATABASE_NAME;**
- DELETE DATABASE DATABASE_NAME;

320. Find the Correct Expressions for "Find all students who have taken all

courses offered in the Biology department." * (1 Point)

- $\exists t \in r (Q(t))$
- $\forall t \in r (Q(t))$
- $\neg t \in r (Q(t))$
- $\sim t \in r (Q(t))$

321. Union operation eliminates the __ tuples. * (1 Point)

- Simple
- Single
- **Duplicate**
- NULL

322. P(T) represents the condition that is used to ___ T. * (1 Point)

- Get
- Fetch
- **Both A and B**
- None of the above
-

323. Propositional logic is conducted using p as a formula, using connectors like -

- AND
- OR
- NOT
- **All of the above**

324. What is the full form of DRC? * (1 Point)

- Domain Rational Calculus
- **Domain Relational Calculus**
- Distributed Rational Calculus
- Distributed Relational Calculus

325. Which of the following is not a type of relational calculus? * (1 Point)

- Tuple Relational Calculus
- Domain Relational Calculus

- Both A and B
- **None of the above**

326. Which is a join condition contains an equality operator: * (1 Point)

- **Equijoins**
- Cartesian
- Natural
- Left

327. Union operation is denoted by -

- **U**
- ^
- *
- !

328. Using the select operation, you can select the * (1 Point)

• **Tuples**

- Attributes
- Operators
- None

329. What is the notation to denote Tuple Relational Calculus? * (1 Point)

• **{T | P (T)}**

- {P (T) | T}
- {P (T)}
- {T}

CORE MODULE-2 WEEKLY TEST

24-02-2023

Total: 50 Points

⌚ 60 minutes

* Required

1. Find true statement about three schema architecture? * (1 Point)

- A specific database system is described by this framework.
- Separating user applications from physical databases is also achieved by using the three-schema architecture.
- Based on this architecture, there are three tiers. Three different categories are identified for the database.
- All of the above

2. What will be the output of the following JavaScript code?

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<html>
<body>
<script>
var a = 10;
do {
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  a++;
} while (a <= 15);
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```

* (1 Point)

- 11121314
- 101112131415
- 1011121314
- 10111213141516

3. The class that represents the regular expressions is _____ * (1 Point)

- RegExpObj
- RegExpClass
- RegExp
- StringExp

4. What is the full form of DBMS? * (2 Points)

- Data of Binary Management System
- Database Management System
- Database Management Service
- Data Backup Management System

5. What will be the output of the following JavaScript code?

```
int a=4;  
int b=1;  
int c=4;  
If(a==b)  
document.write(a);  
else if(a==c)  
document.write(a);  
else  
document.write(c); * (1 Point)
```

4

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Error

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6. How many types of DBMS architectures are there? * (1 Point)

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2

3

4

7. Which of the following class in bootstrap is used to create a big box for calling extra attention? * (1 Point)

- .box
- .container
- .container-fluid
- .jumbotron

8. Which is the correct jQuery selector to select all elements having "href" attribute? * (1 Point)

- \$("a[href]")
- \$("a:[href]")
- \$("[href].*)")
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9. Who created the first DBMS? * (1 Point)

- Edgar Frank Codd
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.active

.success

.warning

.danger

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php format

xml format

JavaScript

text format

12. Which is the correct symbol to insert a comment in JSON? * (1 Point)

<!-- ... -->

JSON doesn't support the comments

//

/*...*/

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- <javascript>...</javascript>
- <js>...</js>
- <script>...</script>
- <css>...</css>

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- { students:["Rakhi", "Sana", "Tanu"] }
- { "students": [{"Rakhi", "Sana", "Tanu"}] }
- { students:["Rakhi", "Sana", "Tanu"] }
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- Tables
- Fields
- Records
- Keys

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- JavaScript .NET
- Cocoa JS
- jQuery
- All of the above
- None of the above

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- in the background
- before loading the page
- with reloading the page
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(1 Point)

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- getElementById(id)
- elementById(id)

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(1 Point)

- Syntax error
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- One-level architecture
- Two-level architecture
- Three-level architecture
- Four-level architecture

21. Why JavaScript Engine is needed? * **(1 Point)**

- Both Compiling & Interpreting the JavaScript
- Parsing the javascript
- Interpreting the JavaScript
- Compiling the JavaScript

22. What will be the output of the following JavaScript code?

```
var string2Num=parselnt("1234xyz");  
* (1 Point)
```

- 1234
- 1234xyz
- Exception
- none of the above

23. The "var" and "function" are ? * (1 Point)

- Keywords
- Declaration statements
- Data types
- Prototypes

24. Which looping statement allows XML tags to appear in JavaScript programs and adds API for operating on XML data? * (1 Point)

- for loop
- while loop
- for/each loop
- do while loop

25. What will be the output of the following JavaScript code?

```
<p id="demo"></p>
<script>
var js = 50;
js *= 15;
document.getElementById("demo").innerHTML = js;
</script>
* (1 Point)
```

750

50

65

765

26. The method or operator used to identify the array is _____ *

(1 Point)

isArrayType()

==

===

typeof

27. Which of the following made AJAX popular. * (1 Point)

- IBM
- Microsoft
- Sun Microsystem
- Google

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(1 Point)

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- Network
- Distributed
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- Entity Relation model

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- Field
- Instance

33. Enter Your Name *

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- Allows JavaScript code to alter the behaviour of windows
- Adds innerHTML page to the code
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35. Which function is used to convert a JavaScript object into a string? *
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- JSON.stringify()
- JSON.ToString()
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var grade='C';
var result;
switch(grade)
{
    case 'A': {      result+="10";
        break;   }
    case 'B': {      result+=" 9";      break;   }
    case 'C': {      result+=" 8";      break;   }
    default:    result+=" 0";   }
document.write(result);
```

* (1 Point)

- 10
- 9
- default
- None of the above

37. Which of the following is not javascript data types? * (1 Point)

- Null type
- Undefined type
- Number type
- All of the mentioned

38. Choose Your NSTI *

- NSTI NOIDA
- NSTI MUMBAI
- NSTI JODHPUR

39. A Database Management System is a type of _____ software. *
(1 Point)

- It is a type of system software
- It is a kind of application software
- It is a kind of general software
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40. Which type of JavaScript language is ____? * **(1 Point)**

- Object-oriented
- Object-based
- Functional programming
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41. E-R model uses which symbol to represent weak entity set *** (1 Point)**

- Dotted rectangle
- Diamond
- Doubly outlined rectangle
- None of the above

42. What will be the output of the following JavaScript code?

```
var values=["one","two","Three"];
var ans=values.shift();
document.writeln(ans);
* (1 Point)
```

- one
- two
- three
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43. In which year jQuery was initial released? *** (1 Point)**

- 2004
- 2005
- 2006
- 2007

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(1 Point)

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1. In general, a file is basically a collection of all related ____.* (1 Point)

- Rows & Columns
- Fields
- Database
- Records

2. Which of the following is record based logical model? * (1 Point)

- Network Model
- Object oriented model
- E-R Model
- All of the above
- None of the above

3. A huge collection of the information or data accumulated from several different sources is known as ____.* (1 Point)

- Data Management
- Data Mining
- Data Warehouse
- Both B and C

4. The property of InnoDB that enforces foreign key relationships stay intact is called * (1 Point)
- durability
 - consistency
 - referential integrity
 - atomicity
5. In E-R diagram attribute is represented by * (1 Point)
- Ellipses
 - Dashed ellipse
 - Rectangle
 - Triangle
6. which one is not a type of database ? * (1 Point)
- Mysql
 - Sybase
 - PostgreSQL
 - None of the above
7. The architecture of a database can be viewed as the _____ *

(1 Point)

- One level
- Two-level
- Three-level
- Four level

8. Which of the following keys is generally used to represents the relationships between the tables? * **(1 Point)**

- Primary key
- Foreign key
- Secondary key
- None of the above

9. Which of the following statements is not correct? * **(1 Point)**

- The primary key must be unique for a given table
- Specifying a zero (0) for the lower bound for the association multiplicity on a class diagram indicates that the item is required
- Specifying a one (1) for the lower bound for the association multiplicity on a class diagram indicates that the item is required
- Most databases allow multiple records that are identical

10. _____ is a set of one or more attributes taken collectively to uniquely identify a record. * **(1 Point)**

- Primary Key
- Foreign key
- Super key
- Candidate key

11. Full form of SQL * (1 Point) Standard query language

- Sequential query language
- Structured query language
- Server-side query language
-

12. Which of following are the properties of entities ? * (1 Point)

- Groups
- Table
- Attributes
- Switchboards

13. Which one of the following refers to the total view of the database content? * (1 Point)

- Conceptual view
- Physical view
- Internal view
- External view

14. Which type of relation of between students and courses is : *

* (1 Point)

- 1:1 relationship
- 1:M relationship
- M:M relationship
- None of these

16. Course(course_id,sec_id,semester)

Here the course_id,sec_id and semester are _____

* (1 Point)

- Attribute
- Relation
- Tuple
- None of the above

17. What is an Instance of a Database? * (1 Point) The state of the database system

- at any given point of time
- The entire set of attributes of the Database put together in a single relation
- The initial values inserted into the Database immediately after its creation
- The logical design of the database system

18. E-R model uses this symbol to represent weak entity set * (1 Point)

- Diamond
- Dotted Rectangle
- Doubly Outlined Rectangle
- None Of These

19. Data independence means * (1 Point)

- Programs are not dependent on the logical attributes of the data
- Programs are not dependent on the physical attributes of the data
- Both
- None

20. Relational algebra is * (1 Point)

- Data definition language
- Meta language
- Procedural query language
- None Of Above

21. An _____ is a set of entities of the same type that share the same properties, or attributes. * (1 Point)

- Entity set
- Attribute set
- Relation set
- Entity model

22. Which of the following levels is considered as the level closest to the end-users? * (1 Point)

- Internal Level
- External Level
- Conceptual Level
- Physical Level

23. A data model is - * (1 Point)

- Used to describe structure of a database
- Set of basic operations on the database
- Both of the above
- None of the above

24. Which of the following refers to the level of data abstraction that describes exactly how the data actually stored? * (1 Point)

- Conceptual Level
- Physical Level
- File Level
- Logical Level

25. The data model which describes how the data is actually stored is - * (1 Point)

- Internal model
- External model
- Logical model
- None of these

26. What is information about data called? * (1 Point)

Hyper data

Tera data

Meta data

Relations

27. Which one of the following attribute can be taken as a primary key? *
(1 Point)

Id

Name

Class

Department

28. An entity set that has a primary key is called as _____ * (1 Point)

Strong entity set

Weak entity set

Complete entity set

None of the mentioned

29. In a relational schema, each tuple is divided into fields called *

(1 Point)

- Queries
- Domains
- Relations
- All of the above

30. The attribute AGE is calculated from DATE_OF_BIRTH. The attribute AGE

is * (1 Point) Single valued

-
- Multi valued
-
- Composite
- Derived

31. A row is called a _____, in relational data model. * (1 Point)

- Tuple
- Domain
- Attribute
- All of the above

32. Which of the following refers to the number of tuples in a relation? *

(1 Point)

- Entity
- Column
- Cardinality
- None of the above

33. Which of the following refers to the number of attributes in a relation?

* (1 Point)

- Degree
- Row
- Column
- All of the above

34. Enter Your Name *

35. Which one of the following is commonly used to define the overall design of the database? * (1 Point)

- Application program
- Data definition language
- Schema
- Source code

36. To which of the following the term "DBA" referred? * (1 Point)

- Data Bank Administrator
- Database Administrator
- Data Administrator
- None of the above

37. One of the following is a valid record-based data model - * (1 Point)

- Object-oriented model
- Relational model
- Entity-relationship model
- None of the above

38. Which of the following can be a multivalued attribute? * (1 Point)

- Phone_number
- Name
- Date_of_birth
- All of the mentioned
- None of the above

39. What are composite attributes? * (1 Point)

- They are those attributes which cannot be further divided into other attributes
- They are those attributes which can further be divided into other attributes
- They are those attributes which are essentially the primary keys of the relation
- None of the mentioned

40. Which of the following symbols represent relationship sets in an ER diagram * (1 Point)

- Divided rectangles
- Diamonds
- Lines
- Undivided rectangles

41. A _____ is an association among several entities. * (1 Point)

- Relationship
- Association
- Set
- Combination

42. In an ER model, is described in the database by storing its data.
* (1 Point)

- Entity
- Attribute
- Relationship
- Notation

43. What is the full form of DBMS? * (1 Point)

- Data of Binary Management System
- Database Management System
- Database Management Service
- Data Backup Management System

44. A schema describes * (1 Point)

- Record Relationship
- Data Elements
- Record and files
- All of the above

45. Which structure is used to display the image of database? * (1 Point)

- Cylindrical
- Circle
- Rectangular
- None of the above

46. Which of the following is not an example of DBMS? * (1 Point)

- MySQL
- Microsoft Access
- IBM DB2
- None of the above

47. A top-to-bottom relationship among the items in a database is established by a * (1 Point)

- Hierarchical schema
- Network schema
- Relational Schema
- All of the above

48. What do you mean by one to many relationships? * (1 Point)

- One teacher can have many classes
- Many classes may have many teachers
- Many teachers may have many classes
- None of the above

49. We indicate roles in E-R diagrams by labeling the lines that connect _____ to _____ * (1 Point)

- Diamond , diamond
- Rectangle, diamond
- Rectangle, rectangle
- Diamond, rectangle

50. which of the following can also be represented by the term "attribute" in relational table? * (1 Point)

- Entity
- Row
- Column
- All of the above

51. A _____ is a property of the entire relation, rather than of the individual tuples in which each tuple is unique. * (1 Point)

- Rows
- Key
- Attribute
- Fields

52. A _____ key is a minimal super key * (1 Point)

- Primary
- Foreign
- Candidate
- Non-Prime

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1. Which type of language is JavaScript? * (1 Point)

- Scripting
- Markup
- Programming
- None of the above

2. In general, event handler is nothing but * (1 Point)

- interface
- function
- event
- handler

3. In which HTML element, we put the JavaScript code? * (1 Point)

- <javascript>...</javascript>
- <js>...</js>
- <script>...</script>
- <css>...</css>

4. Which JavaScript method is used to write on browser's console? * (1 Point)

- console.write()
- console.output()
- console.log()
- console.writeHTML()

5. Who developed the bootstrap? * (1 Point)

- James Gosling
- Mark Jukervich
- Mark Otto and Jacob Thornton
- Dennis Ritchie

6. Which of the following sign is used as a shortcut for jQuery? * (1 Point)

the % sign

the \$ sign

the @ sign

the & sign

7. The jQuery method used to perform an asynchronous HTTP request

*

(1 Point)

jQuery ajaxSetup() method

jQuery ajaxSync() method

jQuery ajax() method

All the above

8. The correct syntax of creating a standard navigation bar is ? *

(1 Point)

<nav class="navigationbar navbar">

<nav class="navbar default">

<nav class="nav navbar">

<nav class="navbar navbar-default">

9. Which of the following class in Bootstrap is used to create a basic list group? * (1 Point)

- .grouped-list
- .select-list
- .list-group
- .list-grouped

10. What is the full form of CDN ? * (1 Point)

- Content delivery model Content
- distribution network
- none of the above
- All of the above

11. What is full form of JSON ? * (1 Point)

- JavaScript Object Notation
- Java Object Notation
- JavaScript Object Normalization
- JavaScript Object-Oriented Notation

12. Who is the creator of JSON? * (1 Point)

- Alvin Alexander
- Rasmus Lerdorf
- Douglas Crockford
- Jesse James Garrett

13. In the JSON syntax data contains * (1 Point)

- class/object
- name/value
- datatype/variable
- value/=

14. Correct syntax of writing JSON name/value pair, where the value is of string type? * (1 Point)

- "name" : "value"
- "name" : value
- "name" : 'value'
- 'name' : 'value'

15. Which is the correct example of a JSON object with name, class, and city? * (1 Point)

- { "record":{"name":"Alex", "class":"adit", "city":"London"} }
- { "record"={"name":"Alex", "class":"adit", "city":"London"} }
- { "record": {"name":Alex, "class":adit, "city":London} }
- { record :{"name":"Alex", "class":"adit", "city":"London"} }

16. Which function is used to convert text into a JavaScript object? *
(1 Point) JSON.parse()

- string.parse()
- object.parse()
- none of the above
-

17. jQuery is a _____. * (1 Point)

- JavaScript Library
- JSON Library
- Java Library
- JSON and CSS Library

18. Which jQuery is used to hide the current element? * (1 Point)

- `$(this).hideelement()`
- `$(this).hide('true')`
- `$(this).hide(0)`
- `$(this).hide()`

19. Which is the correct jQuery statement to hide all elements having id name "new"? * (1 Point)

- `$("new").hide()`
- `$(new).hide()`
- `$(".new").hide()`
- `$("#new").hide()`

20. Which are the jQuery methods for traversing up the DOM tree? * (1 Point)

- `parent()`
- `parents()`
- `parentsUntil()`
- All of the above

21. Which jQuery method is used to get all direct children of the selected element? * (1 Point)

- children()
- find()
- childrens()
- Both A. and B.

22. Which is the correct statement to convert the below given array to string? const arr = ["Alex", "Alvin", "Bobby", "Dock"]; * (1 Point)

- const json_arr = JSON.string(arr);
- const json_arr = JSON.ToString(arr);
- const json_arr = JSON.ArrayToString(arr);
- const json_arr = JSON.stringify(arr);

23. In the below statement, what is the type of "age"?

{"name": "Alvin", "age": 21, "sports": ["Cricket", "Football", "Running"]} *
(1 Point)

- number
- string
- integer
- long

24. In the JSON syntax, array is written within in ____.* (1 Point)

- Square brackets
- Curley braces
- Paratheses
- None of the above

25. Which is the correct jQuery selector to select all elements? * (1 Point)

- \$("all")
- \$("*.*")
- \$("*")
- \$("***")

26. Ajax stands for ____.* (1 Point) Asynchronous JavaScript and XML

- Asynchronous JSON and XML
- Asynchronous Java and XML
- Asynchronous JavaScript and XMLHttpRequest
-

27. What is the correct syntax to create an XMLHttpRequest object? *

(1 Point)

- XMLHttpRequest() variable
- XMLHttpRequest() variable;
- variable = new XMLHttpRequest()
- variable = new XMLHttpRequest();

28. Which is the correct syntax to call an external JavaScript file in the current HTML document? * (1 Point)

- <script src="jsfile.js"></script>
- <script link="jsfile.js"></script>
- <script href="jsfile.js"></script>
- <script src=jsfile.js></script>

29. In JavaScript, multi-line comments start with __ and end with __. *
(1 Point)

- /* and */
- <!—and -->
- ## and ##
- // and //

30. What is the output of the following JavaScript code?

```
<script>
    var a = 10 + 20 + "5";
    document.getElementById("demo").innerHTML = a;
</script> * (1 Point)
```

- 35
- 305
- TypeError
- ValueError

31. What will be the output of the following JavaScript code?

```
<script>
    var x = (20 + 20) * 5;
    document.getElementById("tes").innerHTML = x;
</script> * (1 Point)
```

- 200
- 120
- TypeError
- none of the above

32. Which JavaScript operator is used to determine the type of a variable? * (1 Point)

type of

TypeOf

typeof

typeOf

33. Which is the alternative to the load event? * (1 Point)

readychange

changestate

readystatechange

contentloader

34. Which is the property that is triggered in response to JavaScript errors? * (1 Point)

onexception

onmessage

onerror

onclick

35. When is the mouseout event fired? * (1 Point)

- When mouse is no longer over an element
- When mouse is over an element
- When mouse is hovered
- None of the mentioned

36. Which function among the following lets to register a function to be invoked once? * (1 Point)

- setTimeout()
- setTotaltime()
- setInterval()
- none of the mentioned

37. Which property is used to specify the key type when pressed? * (1 Point)

- keyCode
- keyType
- keyName
- keyProperty

38. The focus and blur events are also part of _____ * (1 Point)

- Element events
- Handler events
-
-

Window events

Scroll events

39. Which of the following class in Bootstrap is used to provide a responsive fixed width container? * (1 Point)

- .container-fixed
- .container-fluid
- .container
- All of the above

40. The class used to shape an image to a circle is * (1 Point)

- .img-rounded
- .img-circle
- .img-rounded
- None of the above

41. Which of the following class in Bootstrap is used to indicate the uppercased text? * (1 Point)

-

.text-capitalize

.text-upper

.uppercase

.text-uppercase

42. The class used to right align the navigation bar buttons is * (1 Point)

.navbar-rgt

.navbar-btn

.navbar-right

.navbar-default

43. Which of the following grid class in Bootstrap is used for desktops? * (1 Point)

xs

sm

lg

md

44. Which of the following class indicates a warning that might need attention? * (1 Point)

.active

.success

.warning

.danger

45. Which of the following is the default layout of a bootstrap form? *
(1 Point)

- .vertical
- .inline
- .horizontal
- None of the above.

46. Which of the following bootstrap style of buttons creates a default/standard button? * (1 Point)

- .btn
- .btn-primary
- .btn-success
- .btn-info

47. Which is the correct jQuery statement to hide all <div> elements? *
(1 Point)

- \$("div").hide()
- \$(div).hide()
- \$(".div").hide()
- \$("#div").hide()

48. What is the use of jQuery Selectors? find the correct statements. *
(1 Point)

- jQuery selectors are used to select and manipulate HTML element(s).
- jQuery selectors are used to import the HTML elements from the other file.
- jQuery selectors are used to select and manipulate JSON elements(s).
- jQuery selectors are used to select and manipulate ReactJS classes.

49. Which is the correct jQuery selector to select the first list item of every `` element? * (1 Point)

- `$("ul li:first-child")`
- `$("ul li:first.*")`
- `$("li:first-child")`
- `$("ul:first-child")`

50. Which method is used to attach an event handler function to an HTML element when the left, middle or right mouse button is pressed down, while the mouse is over the HTML element? * (1 Point)

- `mousedown()`
- `mouseover()`
- `mousepress()`
- `mousekey()`

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1. How can you get the total number of arguments passed to a function?

* (1 Point)

- Using args.length property Using
- arguments.length property Both
- of the above.
- None of the above.

4. Which built-in method returns the length of the string? * (1 Point)

- length()
- size()
- index()
- None of the above.

5. Which sign does jQuery use as a shortcut for jQuery? * (1 Point)

- the % sign
- the ? Sign
- the \$ sign
- the @ sign

6. What is the correct jQuery code to set the background color of all p elements to red? * (1 Point)

- `$("p").layout("background-color","red");`
- `$("p").manipulate("background-color","red");`
- `$("p").css("background-color","red");`
- `$("p").style("background-color","red");`

7. Find the correct statement:- * (1 Point)

- To use jQuery, you do not have to do anything. Most browsers(Internet Explorer, Chrome, Firefox and Opera) have the jQuery library built in the browser
- To use jQuery, you must buy the jQuery library at "www.jquery.com"
- To use jQuery, you can refer to a hosted jQuery library at Google
- All the above

8. Which jQuery function is used to prevent code from running, before the document is finished loading? * (1 Point)

- `$(document).load()`
- `$(document).ready()`
- `$(body).onload()`
- None of the above

9. Which statement best explains what “unobtrusive JavaScript” is? *
(1 Point)

- JavaScript that doesn't annoy users
- JavaScript that is separate from HTML
- javaScript that does not affect a web page
- JavaScript that works even with scripting turned off

10. What is the correct JavaScript syntax to write “Hello World”? *
(1 Point)

- document.write("Hello World")
- ("Hello World")
- response.write("Hello World")
- D. "Hello World"

11. What is jQuery? Find the correct statement:- * **(1 Point)**

- jQuery is a library of JavaScript Functions.
- jQuery stands for Structured Query Language
- jQuery stands for Cascading Style Sheets. jQuery
- communication between computers on the Internet.

12. The Jquery library contains the followig features;- * (1 Point)

- Html/ Dom Manipulation
- Css Maniulation
- Html Event Methods
- Effects and animations
- All of above

13. How many versions are avaible for downloading the Jquery? *
(1 Point)

- Production Version
- Development version None
- of the above
- both of the above

14. Find the correct Syntax for hide all elements:- * (1 Point)

- \$(this).hide()
- \$("p").hide()
- \$(".test").hide()
- \$(".test").hide()

15. which symbol is used to find an element with a specific id:- * (1 Point)

- #
- >
- \$
- .

16. Which function do you reference in HTML form data? * (1 Point)

- value()
- formData()
- val()
- None of the above

17. Which is the correct jQuery selector to select all <button> elements and <input> elements with type="input"? * (1 Point)

- \$(".button")
- \$(":button")
- \$("button","input type='button'")
- \$(":button,:input")

18. Which is the correct jQuery selector to select all odd table rows? *

(1 Point)

- \$("tr::odd")
- \$("tr.odd")
- \$("tr:odd")
- \$("tr:#odd")

19. Which method is used to attach an event handler function to an HTML element on mouse double click? * **(1 Point)**

- click()
- Click()
- dblclick()
- DblClick()

20. Which method is used to attach an event handler function to an HTML element when the mouse moves over the HTML elements? * **(1 Point)**

- mousemove()
- mouseover()
- hover()
- mousehover()

21. What is the use of jQuery method toggle()? * (1 Point)

- To hide shown elements and to show hidden elements
- To remove current element
- To shift current element at the previous position
- All of the above

22. In jQuery DOM, what does DOM stand for? * (1 Point)

- Data Object Model
- Document Object Manipulation
- Document Object Model
- Document On Model

23. Which is the correct syntax to set the value of a CSS style attribute/property using the css() method? * (1 Point)

- `css("propertynname"="value");`
- `css("propertynname","value");`
- `css("propertynname":value);`
- `css("propertynname":="value");`

24. Which jQuery method is used to get the direct parent element of the selected element? * (1 Point)

- parent()
- parents()
- parentsUntil()
- All of the above

25. There are multiple <h3> elements in an HTML document, which is the correct jQuery statement to get the last <h3> element? * (1 Point)

- \$("h3").last();
- \$("h3").children();
- \$("h3").lastChild();
- \$("h3").down();

26. If the names of variables are the same, then which of the following type of variable takes precedence? * (1 Point)

- local variable
- global variable
- both (a) & (b)
- None of the above

27. Which of the following is the correct code in jQuery to make all div elements 80px high? * (1 Point)

- \$("div").height(80);
- \$("div").height = "80" ;
- \$("div").height = 80 ;
- None of the above

28. Can we use multiple document.ready() function on the same page? *
(1 Point)

- Maybe
- Yes
- No
- none of the above

29. JQuery a library is for:- * **(1 Point)**

- client scripting
- server scripting
- both of the above
- none of the above

30. Which of these is NOT a valid comment in JavaScript? * **(1 Point)**

- // This is a comment
- /* This is a comment. */
- /* This is a comment
- none of the above

31. `$.abc()` is equivalent to? * (1 Point)

- [javascript.abc\(\)](#)
- [document.abc\(\)](#)
- [jQuery.abc\(\)](#)
- None of the above

32. Which method is not used for filtering in jQuery? * (1 Point)

- `first()`
- `eq()`
- `last()`
- none of the above

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Core Module-2 (MYSQL) (Pratice test with answers)

16-03-2023

Points: 42/50 Time: 13:23

1. Enter Your Name *

Drishti

2. Choose your NSTI *

- NSTI JODHPUR
- NSTI MUMBAI
- NSTI NOIDA

Correct

1/1 Points

3. Select operation is denoted by *

σ ✓

R

P

S

Correct

1/1 Points

4. which one is a non-procedural query language? *

Relational Algebra

Relational Calculus ✓

Ambiguous Calculus

None of the above

Correct

1/1 Points

5. What is the difference between UNION & UNION ALL operators? *

- Combining the results of two select statements will be done using UNION whereas combined records from both queries are returned by UNION ALL operator. ✓
- Combining the results of two select statements will be done using UNION ALL whereas combined records from both queries are returned by UNION operator.
- After performing the UNION operation, duplicate rows will not be removed whereas after performing the UNION ALL operation, duplicate rows will be removed.
- All of the above

Incorrect

0/1 Points

6. The number of attributes in relation is called as its *

- Cardinality
- Degree ✓
- Tuples
- Entity

Correct

1/1 Points

7. Choose the correct syntax of DRC's notation *

{a₁, a₂, a₃, ..., a_n | P(a₁, a₂, a₃, ..., a_n)} ✓

{P(a₁, a₂, a₃, ..., a_n) | a₁, a₂, a₃, ..., a_n}

{P(a₁, a₂, a₃, ..., a_n)}

{a₁, a₂, a₃, ..., a_n}

Correct

1/1 Points

8. For select operation the _____ appear in the subscript and the _____ argument appears in the parenthesis after the sigma. *

Predicates, relation ✓

Relation, Predicates

Operation, Predicates

Relation, Operation

Incorrect

0/1 Points

9. Using the select operation, you can select the *

Tuples ✓

Attributes

Operators

None

Incorrect

0/1 Points

10. Which statement you will use to delete the entire data of a table without disturbing the table definition? *

DELETE

TRUNCATE ✓

DROP

CLEAR

Correct

1/1 Points

11. Which of the following is NOT a type of relational operation? *

Select Operation

Set Difference

Set Update ✓

Cartesian Product

Correct

1/1 Points

12. In a relation, ___ are selected using the tuple relational calculus. *

Attributes

Tuples ✓

Relation

Calculus

Incorrect

0/1 Points

13. Renaming the output relation is done via the __ operation. *

Update

Alter

Rename ✓

Reverse

Correct

1/1 Points

14. In which symbol Project Operation is denoted *

P

R

O

Π ✓

Correct

1/1 Points

15. Which syntax you will follow to drop a column using alter statement ? *

- ALTER table_name TABLE DROP COLUMN column_name;
- ALTER TABLE table_name DROP COLUMN column_name; ✓
- ALTER table_name TABLE DROP COLUMN row_name
- None

Correct

1/1 Points

16. Which command is used to see all the databases ? *

- Show database;
- Show databases; ✓
- Show database();
- Show_all database;

Correct

1/1 Points

17. a1, a2, ... an notation in DRC are defined as *

Tuples

Attributes ✓

Both A and B

None of the above

Correct

1/1 Points

18. Find the ID, name, dept name, salary for instructors whose salary is greater than \$50,000 . *

$\{t \mid t \in \text{instructor} \wedge t[\text{salary}] > 50000\}$ ✓

$\exists t \in r (Q(t))$

$\{t \mid \exists s \in \text{instructor} (t[\text{ID}] = s[\text{ID}] \wedge s[\text{salary}] > 50000)\}$

None of the mentioned

Correct

1/1 Points

19. Which of the following is a type of relational operation? *

- Project Operation
- Union Operation
- Set Difference
- All of the above ✓

Correct

1/1 Points

20. What is the notation to denote Tuple Relational Calculus? *

- {T | P (T)} ✓
- {P (T) | T}
- {P (T)}
- {T}

Correct

1/1 Points

21. TRC can be ____.*

Quantified ✓

Qualified

Destroyed

Created

Incorrect

0/1 Points

22. In which operation we can display a list of the attributes as a result? *

Select

Project ✓

Union

Rename

Correct

1/1 Points

23. Binding the variable is done by

*

- Existential Functions (\exists)
- Universal Quantifier Functions (\forall)
- Both A and B ✓
- None of the above

Correct

1/1 Points

24. Propositional logic is conducted using p as a formula, using connectors like - *

- AND
- OR
- NOT
- All of the above ✓

Correct

1/1 Points

25. Which is a join condition contains an equality operator: *

Equijoins ✓

Cartesian

Natural

Left

Correct

1/1 Points

26. What does Set Intersection Operation denote as? *

U

∩ ✓

Π

I

Correct

1/1 Points

27. What is the T in Tuple Relational Calculus's Notation? *

- Input Tuples
- Resulting Tuples ✓
- Both A and B
- None of the above

Correct

1/1 Points

28. The domain of __ is used when filtering variables using domain relational calculus.

*

- Attributes ✓
- Tuples
- Both a and b
- None of the above

Correct

1/1 Points

29. DRC uses logical connectives *

- \wedge (and)
- \vee (or)
- \neg (not)
- All of the above ✓

Correct

1/1 Points

30. Which of the following is SET Operators *

- UNION
- INTERSECT
- MINUS
- UNION ALL
- All of the above ✓

Correct

1/1 Points

31. Which statement helps us to get the definition of a particular table at a time? *

Show table

Describe ✓

Use table

All of the above

Incorrect

0/1 Points

32. If we want to retain all duplicates, we must write _____ in place of union. *

Union all ✓

Union some

Intersect all

Intersect some

Correct

1/1 Points

33. Which key is commonly known as a subset of a super key? *

Candidate key ✓

Foreign key

Primary key

Unique key

Correct

1/1 Points

34. Union operation is denoted by - *

U ✓

^

*

!

Correct

1/1 Points

35. ALTER command is a type of which SQL command? *

- DML
- DDL ✓
- DCL
- DQL

Correct

1/1 Points

36. Which type of join combines the result from both the tables and returns us the Cartesian product of the values? *

- Right join
- Left join
- Inner join
- Cross join ✓

Correct

1/1 Points

37. The types of quantifiers are__ *

universal quantifier

existential quantifier

local quantifier

both a and b ✓

Correct

1/1 Points

38. What is the full form of DRC? *

Domain Rational Calculus

Domain Relational Calculus ✓

Distributed Rational Calculus

Distributed Relational Calculus

Correct

1/1 Points

39. How many types of relational calculus are there? *

- 1
- 2 ✓
- 3
- 4

Correct

1/1 Points

40. SELECT is a type of which SQL command? *

- DML
- DDL
- DCL
- DQL ✓

Correct

1/1 Points

41. The expression used in relational calculus to specify request of retrieval is classified as *

declarative expression ✓

procedural expression

structural expression

functional expression

Correct

1/1 Points

42. In the statement(use students ;), what do you mean by the 'student'? *

Database name ✓

Row name

Column name

Table name

Correct

1/1 Points

43. Which of the following is the correct syntax to add a field using alter command? *

- ALTER TABLE table_name ADD field_name data type; ✓
- ALTER TABLE table_name, field_name data type;
- ALTER TABLE field_name data type;
- All of the above

Incorrect

0/1 Points

44. Which of the following command is used to delete a database? *

- DELETE DATABASE_NAME;
- DROP DATABASE_NAME;
- DROP DATABASE DATABASE_NAME; ✓
- DELETE DATABASE DATABASE_NAME;

Correct

1/1 Points

45. In Relational Algebra, queries are performed using ___. *

- Entities
- Relationships
- Operators ✓
- Objects

Correct

1/1 Points

46. Union operation eliminates the __ tuples. *

- Simple
- Single
- Duplicate ✓
- NULL

Correct

1/1 Points

47. P(T) represents the condition that is used to ___ T. *

- Get
- Fetch
- Both A and B ✓
- None of the above

Correct

1/1 Points

48. What does Set Difference Operation denote as? *

- +
- ✓
- U
- n

Correct

1/1 Points

49. Which command you will use to add a row in a table ? *

INSERT INTO ✓

ADD

ALTER

CREATE

Correct

1/1 Points

50. Find the Correct Expressions for "Find all students who have taken all courses offered in the Biology department." *

$\exists t \in r (Q(t))$

$\forall t \in r (Q(t))$ ✓

$\neg t \in r (Q(t))$

$\sim t \in r (Q(t))$

Correct

1/1 Points

51. Which of the following is not a type of relational calculus? *

- Tuple Relational Calculus
- Domain Relational Calculus
- Both A and B
- None of the above ✓

Incorrect

0/1 Points

52. In which operation all the tuples are there in the given two tuples? *

- Union
- Select
- Rename
- Set Intersection ✓

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Core Module - 2 DBMS (Mcqs with Answers)

03-03-2023

1. Which structure is used to display the image of database? * (1 Point)

- Cylindrical ✓
- Circle
- Rectangular
- None of the above

2. We indicate roles in E-R diagrams by labeling the lines that connect _____ to _____ * (1 Point)

- Diamond , diamond
- Rectangle, diamond
- Rectangle, rectangle
- Diamond, rectangle ✓

3. Data independence means * (1 Point)

- Programs are not dependent on the logical attributes of the data
- Programs are not dependent on the physical attributes of the data
- Both ✓
- None

4. Which one of the following is commonly used to define the overall design of the database? * (1 Point)

- Application program
- Data definition language
- Schema ✓
- Source code

5. The architecture of a database can be viewed as the _____ * (1 Point)

- One level
- Two-level
- Three-level ✓
- Four level

6. The attribute AGE is calculated from DATE_OF_BIRTH. The attribute AGE is *
(1 Point)

Single valued

Multi valued

Composite

Derived ✓

7. Which of the following levels is considered as the level closest to the end-users? *
(1 Point)

Internal Level

External Level ✓

Conceptual Level

Physical Level

8. Full form of SQL

* (1 Point)

- Standard query language
- Sequential query language
- Structured query language ✓
- Server-side query language

9. Which of the following keys is generally used to represents the relationships between the tables? * (1 Point)

- Primary key
- Foreign key ✓
- Secondary key
- None of the above

10. A huge collection of the information or data accumulated from several different sources is known as _____ * (1 Point)

Data Management

Data Mining

Data Warehouse ✓

Both B and C

11. Which of the following can be a multivalued attribute? * (1 Point)

Phone_number ✓

Name

Date_of_birth

All of the mentioned

None of the above

12. Which one of the following attribute can be taken as a primary key? * (1 Point)

- Id ✓
- Name
- Class
- Department

13. In a relational schema, each tuple is divided into fields called * (1 Point)

- Queries
- Domains ✓
- Relations
- All of the above

14. Which one of the following refers to the total view of the database content? *
(1 Point)

- Conceptual view ✓
- Physical view
- Internal view
- External view

15. Which of the following refers to the number of attributes in a relation? * (1 Point)

- Degree ✓
- Row
- Column
- All of the above

16. What is an Instance of a Database? * (1 Point)

- The state of the database system at any given point of time ✓
- The entire set of attributes of the Database put together in a single relation
- The initial values inserted into the Database immediately after its creation
- The logical design of the database system

17. A row is called a _____, in relational data model. * (1 Point)

- Tuple ✓
- Domain
- Attribute
- All of the above

18. Enter Your Name *

Pratibha

19. An entity set that has a primary key is called as _____ * (1 Point)

- Strong entity set ✓
- Weak entity set
- Complete entity set
- None of the mentioned

20. In E-R diagram attribute is represented by * (1 Point)

- Ellipses ✓
- Dashed ellipse
- Rectangle
- Triangle

21. Which of the following symbols represent relationship sets in an ER diagram *
(1 Point)



Divided rectangles



Diamonds ✓



Lines



Undivided rectangles

22. which of the following can also be represented by the term "attribute" in relational table? * (1 Point)



Entity



Row



Column ✓



All of the above

23. Which of the following refers to the number of tuples in a relation? * (1 Point)

- Entity
- Column
- Cardinality ✓
- None of the above

24. A _____ is an association among several entities. * (1 Point)

- Relationship ✓
- Association
- Set
- Combination

25. In an ER model, is described in the database by storing its data. *
(1 Point)

- Entity ✓
- Attribute
- Relationship
- Notation

26. What is information about data called? * (1 Point)

- Hyper data
- Tera data
- Meta data ✓
- Relations

27. What do you mean by one to many relationships? * (1 Point)

- One teacher can have many classes ✓
- Many classes may have many teachers
- Many teachers may have many classes
- None of the above

28. Which of the following is not an example of DBMS? * (1 Point)

- MySQL
- Microsoft Acess
- IBM DB2
- None of the above ✓

29. Which of the following statements is not correct?

* (1 Point)

- The primary key must be unique for a given table
- Specifying a zero (0) for the lower bound for the association multiplicity on a class diagram indicates that the item is required ✓
- Specifying a one (1) for the lower bound for the association multiplicity on a class diagram indicates that the item is required
- Most databases allow multiple records that are identical

30. A _____ key is a minimal super key * (1 Point)

- Primary
- Foreign
- Candidate ✓
- Non-Prime

31. What is the full form of DBMS? * (1 Point)

- Data of Binary Management System
- Database Management System ✓
- Database Management Service
- Data Backup Management System

32. A schema describes * (1 Point)

- Record Relationship
- Data Elements
- Record and files
- All of the above ✓

33. A data model is - * (1 Point)

- Used to describe structure of a database
- Set of basic operations on the database
- Both of the above ✓
- None of the above

34. Which of the following is record based logical model? * (1 Point)

- Network Model ✓
- Object oriented model
- E-R Model
- All of the above
- None of the above

35. To which of the following the term "DBA" referred? * (1 Point)

- Data Bank Administrator
- Database Administrator ✓
- Data Administrator
- None of the above

36. Relational algebra is * (1 Point)

- Data definition language
- Meta language
- Procedural query language ✓
- None Of Above

37. Which of the following refers to the level of data abstraction that describes exactly how the data actually stored? * (1 Point)

- Conceptual Level
- Physical Level ✓
- File Level
- Logical Level

38. Which type of relation of between students and courses is : * (1 Point)

- 1:1 relationship
- 1:M relationship
- M:M relationship ✓
- None of these

39. An _____ is a set of entities of the same type that share the same properties, or attributes. * (1 Point)

Entity set ✓

Attribute set

Relation set

Entity model

40. A top-to-bottom relationship among the items in a database is established by a * (1 Point)

Hierarchical schema ✓

Network schema

Relational Schema

All of the above

41. In general, a file is basically a collection of all related ____.* (1 Point)

Rows & Columns

Fields

Database

Records ✓

42. A ____ is a property of the entire relation, rather than of the individual tuples in which each tuple is unique.* (1 Point)

Rows

Key ✓

Attribute

Fields

43. What are composite attributes? * (1 Point)

They are those attributes which cannot be further divided into other attributes

They are those attributes which can further be divided into other attributes ✓

They are those attributes which are essentially the primary keys of the relation

None of the mentioned

44. E-R model uses this symbol to represent weak entity set * (1 Point)

- Diamond
- Dotted Rectangle
- Doubly Outlined Rectangle ✓
- None Of These

45. Choose Your NSTI *

- NSTI NOIDA
- NSTI MUMBAI
- NSTI JODHPUR

46. Course(course_id,sec_id,semester)

Here the course_id,sec_id and semester are _____
* (1 Point)

- Attribute ✓
- Relation
- Tuple
- None of the above

47. The data model which describes how the data is actually stored is - * (1 Point)

- Internal model ✓
- External model
- Logical model
- None of these

48. One of the following is a valid record-based data model - * (1 Point)

- Object-oriented model
- Relational model ✓
- Entity-relationship model
- None of the above

49. _____ is a set of one or more attributes taken collectively to uniquely identify a record. * (1 Point)

- Primary Key
- Foreign key
- Super key ✓
- Candidate key

50. The property of InnoDB that enforces foreign key relationships stay intact is called
* (1 Point)

- durability
- consistency
- referential integrity ✓
- atomicity

51. which one is not a type of database ? * (1 Point)

- Mysql
- Sybase
- PostgreSQL
- None of the above ✓

52. Which of following are the properties of entities ?

* (1 Point)

- Groups
- Table
- Attributes ✓
- Switchboards

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CM -2 HTML, CSS, JAVASCRIPT FINAL TEST

21-03-2023

1. Enter Your Name *

Drishti

2. Choose Your NSTI *

Nsti Jodhpur

Nsti Mumbai

Nsti Noida

3. To separate single list, use * (1 Point)

 and

 and

 and

All of the above



4. Which is/are the valid JavaScript method(s) to extract string parts? * (1 Point)

- slice(start, end)
- substring(start, end)
- substr(start, length) X
- All of the above ✓

5. JavaScript objects are written with _____. * (1 Point)

- round brackets ()
- curly brackets {} ✓
- double quotes "" X
- square brackets []

6. Which property is used to specify the key type when pressed? * (1 Point)

- keyCode ✓
- keyType X
- keyName
- keyProperty

7. What is the correct HTML for creating a hyperlink? * (1 Point)

- <a><https://www.gkseries.com>
- <a name="<https://www.gkseries.com>"> Gkseries.com
- <a url="<https://www.gkseries.com>"> Gkseries.com
- <a href="<https://www.gkseries.com>"> Gkseries.com ✓

8. Which company made Ajax popular? * (1 Point)

- Oracle
- Google ✓
- Microsoft
- Facebook

9. HTML is stand for _____ * (1 Point)

- Hyper Text Markup Language ✓
- Holistic Technical Method Library
- Hyper Tax Makes Line
- None of the above

10. What will be added by using <td> and </td> tag? * (1 Point)

- rows
- steps
- cell
- columns ✓

11. Gif and jpg are the two main types of what? * (1 Point)

- animated effects
- videos
- images ✓
- None of the above

12. The CSS property used to control the element's font-size is_____ * (1 Point)

- font-size ✓
- text-size
- text-style
- None

13. Which is the property that is triggered in response to JavaScript errors? * (1 Point)

onexception

onmessage

onerror ✓

onclick

14. What will be the output of the following JavaScript code? * (1 Point)

```
<script>
    var cars = ["BMW","DUSTER","FORTUNER"];
        var result = cars.shift();
        document.writeln("Result: ", cars);
</script>
```

Result: BMW, DUSTER, FORTUNER

Result: BMW

Result: DUSTER, FORTUNER ✓

Result: BMW, FORTUNER

15. Which tag create a check box for a form in HTML? * (1 Point)

<checkbox>

<select>

<input type="checkbox"> ✓

None of the above

16. Which JavaScript method is used to get a number as a string? * (1 Point)

- `toString()` ✓
- `intToString()`
- `parseInteger()` ✗
- All of the above

17. Which of the following CSS selector is used to specify a rule to bind a particular unique element?

* (1 Point)

- tag
- id ✓
- class
- all of the above

18. CSS stands for _____ * (1 Point)

- Color and style sheets
- Cascading style sheet ✓
- Cascade style sheets
- None

19. To start a list using circles, use * (1 Point)

- <ul "round">
- <ul type="circle"> ✓
- <ul type="round">
- <ul ="round">

20. Which function is used to convert a JavaScript object into a string? * (1 Point)

- JSON.string()
- JSON.stringify() ✓
- JSON.ToString()
- JSON.parse()

21. In which HTML element, we put the JavaScript code? * (1 Point)

- <javascript>...</javascript>
- <js>...</js>
- <script>...</script> ✓
- <css>...</css>

22. Which one of the following is correct javascript code for the following Output
GoodEvening:

* (1 Point)

string X= "Good"; string Y="Evening"; alert(X+Y);

✓

string X= Good; string Y="Evening"; alert(X+Y);

String X= Good; string Y=Evening; alert(X+Y);

none of the above

✗

23. What will be the output of the following JavaScript code? * (1 Point)

```
<script>
  let x = "10";
  let y = + x;
  document.write(typeof y);
</script>
```

string

object

✗

undefined

number

✓

24. Which is the correct syntax to call an external JavaScript file in the current HTML document?

* (1 Point)

- <script src="jsfile.js"></script>
- <script link=" jsfile.js"></script>
- <import src=" jsfile.js"></import>
- <script href=" jsfile.js"></script>

25. What will be the output of the following JavaScript code? * (1 Point)

```
<script>
    var msgs=new Array("Hello","Hey","Morning!");
    for (i=0;i<msgs.length;i++)
    {
        document.write(msgs[i] + " | ");
    }
</script>
```

- Hello | Hey | Morning! | ✓
- Hello | Hey |
- ValueError
- TypeError

26. Which of the following is the correct syntax to make the background-color of all paragraph elements to yellow?

* (1 Point)

- all {background-color : yellow;}
- p {background-color : #yellow;} ✓
- p {background-color : yellow;} ✗
- all p {background-color : #yellow;}

27. Who is the creator of JSON? * (1 Point)

- Alvin Alexander
- Rasmus Lerdorf
- Jesse James Garrett
- none of the above ✓

28. The CSS property used to make the rounded borders, or rounded corners around an element is_____

* (1 Point)

- border-radius ✓
- border-collapse
- border-spacing
- None

29. Which of the following is the correct output for the following JavaScript code * (1 Point)

```
var x=3;  
var y=3;  
var z=0;  
If(x==y)  
document.write(x);  
elseif(x==y)  
document.write(x);  
else  
document.write(z);
```

- 3 ✓
- 0
- Error
- 2

30. In JavaScript, multi-line comments start with __ and end with ____.* (1 Point)

- /* and */ ✓
- <!--and -->
- ## and ##
- // and //

31. What is the correct syntax to create an XMLHttpRequest object? * (1 Point)

- XMLHttpRequest() variable
- XMLHttpRequest() variable;
- variable = new XMLHttpRequest()
- variable = new XMLHttpRequest();

32. In the JavaScript, which one of the following is not considered as an error: * (1 Point)

- Syntax error
- Missing of semicolons
- Division by zero
- Missing of Bracket

33. What is the means of Cellpadding? * (1 Point)

- Increase the softness of your site
- Increase the space between cells
- Increase the distance between cell and content
- All of the above

34. What kind of list will tags create? * (1 Point)

- Numbered list
- Bulleted list
- All of the above
- None of the above

✓

35. How many keywords are there in JavaScript to declare variables or constants? * (1 Point)

- 1
- 2
- 3
- 4

✓

36. Which JavaScript method is used to write HTML output? * (1 Point)

- document.write()
- document.output()
- console.log()
- document.writeHTML()

✓

37. Which the correct e-mail link? * (1 Point)

- <a href="<mailto:xxx@yyy>"> ✓
- <mail>xxx@yyy</mail>
-
- <href="xxx@yyy">

38. In the JSON syntax, array is written within in ____.* (1 Point)

- Square brackets ✓
- Curley braces
- Paratheses
- None of the above

39. Which type of language is JavaScript? * (1 Point)

- Object-oriented
- Object-based ✓
- Functional programming
- All of the above

40. Which symbol is used separate JavaScript statements? * (1 Point)

- Comma (,)
- Colon (:)
- Hyphen (_)
- Semicolon (;) ✓

41. Ajax stands for _____. * (1 Point)

- Asynchronous JavaScript and XML ✓
- Asynchronous JSON and XML
- Asynchronous Java and XML
- Asynchronous JavaScript and XMLHttpRequest

42. WYSIWYG stands for _____ * (1 Point)

- What You See Is What You Get ✓
- What you See Is What You Gain
- When You Start Is When You Go
- None of the above

43. Which of the following CSS property is used to set the background image of an element? *
(1 Point)

- background-color ✓
- background-image ✗
- background-attachment
- None

44. Which tag will add rows to your tables? * (1 Point)

- <tr> and </tr> ✓
- <th> and </th>
- <td> and </td>
- None of the above

45. The main container for <TR>, <TD> and <TH> is _____ * (1 Point)

- <DATA>
- <GROUP>
- <TABLE> ✓
- None of the above

46. Which function is used to convert text into a JavaScript object? * (1 Point)

- JSON.parse()
- string.parse()
- object.parse()
- All of the above

✓

47. h1 {color: green; text-decoration: underline; font-style: italic;} what will be the output of this code?

* (1 Point)

- color: green, text-decoration: underline works
- only font-style: italic works
- color: green, text-decoration: underline and font-style: italic all works
- text-decoration: underline and font-style: italic works

✗

✓

48. ALL HTML tags are enclosed in what? * (1 Point)

- # and #
- ? and !
- < and >
- { and }

✓

49. What is the output of the following JavaScript code? * (1 Point)

```
<script>    var a = 30 + 20 + "5";
            document.getElementById("demo").innerHTML = a;
</script>
```

- 505 ✓
- 55 ✗
- type error
- none of the above

50. What will be the value of VALUE? * (1 Point)

```
<script>
    const VALUE = 20;
    const VALUE = 40;
</script>
```

- 40
- 20
- ValueError ✗
- TypeError ✓

51. In HTML, tags that include both on and off tag are called * (1 Point)

- comment tag
- document tag
- container tag ✓
- None of the above

52. Which of the following is the correct syntax for referring the external style sheet? * (1 Point)

- <style src = "example.css" >
- <style src = example.css>
- <stylesheet> example.css </stylesheet>
- <link rel="stylesheet" type="text/css" href="example.css"> ✓

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Core Module - 2 JQUERY & BOOTSTRAP

27-02-2023

1. Enter Your Name *

Drishti

2. Choose Your Nsti *

NSTI Noida

NSTI Mumbai

NSTI Jodhpur

3. The Jquery library contains the followig features;- * (1 Point)

Html/ Dom Manipulation

Css Maniulation

Html Event Methods

Effects and animations

All of above



4. Find the correct statement:- * (1 Point)

- To use jQuery, you do not have to do anything. Most browsers(Internet Explorer, Chrome, Firefox and Opera) have the jQuery library built in the browser
- To use jQuery, you must buy the jQuery library at "www.jquery.com" ✓
- To use jQuery, you can refer to a hosted jQuery library at Google ✗
- All the above

5. Who developed the bootstrap? * (1 Point)

- James Gosling
- Mark Jukervich
- Dennis Ritchie
- Mark Otto and Jacob Thornton ✓

6. Which of the following grid class in Bootstrap is used for Phones? * (1 Point)

- xs ✓
- sm
- lg
- md

7. Can we use multiple document.ready() function on the same page? * (1 Point)

- Maybe
- Yes ✓
- No
- none of the above

8. Which sign does jQuery use as a shortcut for jQuery? * (1 Point)

- the % sign
- the ? Sign
- the \$ sign ✓
- the @ sign

9. Which method is used to attach an event handler function to an HTML element on mouse double click?

* (1 Point)

- click()
- Click()
- dblclick() ✓
- DblClick()

10. What is the correct JavaScript syntax to write “Hello World”? * (1 Point)

document.write("Hello World");



("Hello World")

response.write("Hello World")

"Hello World"

11. The correct syntax to set the background color of all h1 elements to yellow in jQuery - * (1 Point)

\$("h1").style("background-color","yellow");

\$("h1").html("background-color","yellow");

\$("h1").css("background-color","yellow");



\$("h1").layout("background-color","yellow");

12. Which of the following class in Bootstrap is used to indicate the uppercased text? * (1 Point)

.text-capitalize

.text-upper

.uppercase

.text-uppercase



13. The class used to right align the navigation bar buttons is - * (1 Point)

- .navbar-rgt ✗
- .navbar-btn
- .navbar-right ✓
- .navbar-default

14. What is the correct jQuery code to set the background color of all p elements to red? * (1 Point)

- \$("p").layout("background-color","red");
- \$("p").manipulate("background-color","red");
- \$("p").css("background-color","red"); ✓
- \$("p").style("background-color","red");

15. Which method is used to attach an event handler function to an HTML element when the mouse moves over the HTML elements?

* (1 Point)

- mousemove()
- mouseover()
- hover() ✓
- mousehover() ✗

16. Which method is not used for filtering in jQuery? * (1 Point)

- first()
- eq() X
- last()
- none of the above ✓

17. In jQuery DOM, what does DOM stand for? * (1 Point)

- Data Object Model
- Document Object Manipulation
- Document Object Model ✓
- Document On Model

18. JQuery a library is for:- * (1 Point)

- client scripting X
- server scripting ✓
- both of the above
- none of the above

19. If the names of variables are the same, then which of the following type of variable takes precedence?

* (1 Point)

local variable



global variable

both (a) & (b)

None of the above

20. Which is the correct syntax to set the value of a CSS style attribute/property using the css() method?

* (1 Point)

css("propertynname"="value");

css("propertynname","value");



css("propertynname": "value");

css("propertynname":="value");

21. What does the "min" mean in the following JavaScript code? *

<script src="jquery-1.4.2.min.js"></script>

Minimised version



Miniature

Minimised parameters

Minimum value

22. Which of the following is correct method to add a success button? * (1 Point)

- <button class = "btn btn-success"> success </button> ✓
- <button class = "btn button-success"> success </button>
- <button class = "button btn-success"> success </button> ✗
- <button class = "button btn-primary"> success </button>

23. Which is the correct jQuery selector to select all <button> elements and <input> elements with type="input"?

* (1 Point)

- \$(".button")
- \$(".:button") ✓
- \$("button","input type="button")
- \$(".:button,:input")

24. What is the use of jQuery method toggle()? * (1 Point)

- To hide shown elements and to show hidden elements ✓
- To remove current element
- To shift current element at the previous position
- All of the above

25. Which jQuery function is used to prevent code from running, before the document is finished loading?

* (1 Point)

\$(document).load()

\$(document).ready() ✓

\$(body).onload()

None of the above

26. _____ is a sleek, intuitive, and powerful mobile first front-end framework for faster and easier web development.

* (1 Point)

HTML

Bootstrap ✓

CSS

Meta

27. Which of the following class in Bootstrap is used for creating the small size modals? *

(1 Point)

.modal-large

.modal-sm ✓

.modal-big

.modal-lg

28. There are multiple <h3> elements in an HTML document, which is the correct jQuery statement to get the last <h3> element?

* (1 Point)

- \$("h3").last(); ✓
- \$("h3").children();
- \$("h3").lastChild();
- \$("h3").down();

29. Which jQuery method is used to get the direct parent element of the selected element? *

(1 Point)

- parent() ✓
- parents()
- parentsUntil()
- All of the above

30. Which of the following class in Bootstrap is used to create a basic list group? * (1 Point)

- .grouped-list
- .select-list
- .list-group ✓
- .list-grouped ✗

31. Which of the following class in Bootstrap is used to create a dropdown menu? * (1 Point)

- .dropdown ✓
- .select
- .select-list
- None of the above

32. What is jQuery? Find the correct statement:- * (1 Point)

- jQuery is a library of JavaScript Functions. ✓
- jQuery stands for Structured Query Language
- jQuery stands for Cascading Style Sheets.
- jQuery communication between computers on the Internet.

33. How many versions are available for downloading the Jquery? * (1 Point)

- Production Version
- Development version
- None of the above
- both of the above ✓

34. Find the correct Syntax for hide all elements:- * (1 Point)

- \$(this).hide() ✗
- \$("p").hide() ✓
- \$(".test").hide()
- \$(".test").hide()

35. Which function do you reference in HTML form data? * (1 Point)

- value()
- formData()
- val() ✓
- None of the above

36. Which of the following indicates a dangerous or potentially negative action? * (1 Point)

- .active
- .danger ✓
- .warning
- None of the above

37. Which of these is NOT a valid comment in JavaScript? * (1 Point)

// This is a comment

/* This is a comment. */

/* This is a comment

✓

none of the above

38. Which of the following class in Bootstrap is used to create a large button? * (1 Point)

.btn-xl

.btn-lrg

.btn-large

.btn-lg

✓

39. Which of the following class in Bootstrap is used to provide a responsive fixed width container?

* (1 Point)

.container-fixed

✗

.container-fluid

.container

✓

All of the above

40. The class used to shape an image to a circle is - * (1 Point)

- .img-circle
- .img-rounded
- .img-rounded
- All of the above

✗

✓

41. which symbol is used to find an element with a specific id:- * (1 Point)

- #
- >
- \$
- .

✓

42. Which is the correct jQuery selector to select all odd table rows? * (1 Point)

- \$("tr:odd")
- \$("tr.odd")
- \$("tr:odd")
- \$("tr:#odd")

✓

43. Which is the method that operates on the return value of \$()? * (1 Point)

show()

css()

click()

done()

✓

44. Which of the following class in Bootstrap is used to create a button as a link? * (1 Point)

.btn-anchor

.btn-link

✓

.btn-hyperlink

None of the above

45. How many types of lists supported by Bootstrap? * (1 Point)

1

2

3

✓

4

46. How can you get the total number of arguments passed to a function? * (1 Point)

- Using args.length property ✗
- Using arguments.length property ✓
- Both of the above.
- None of the above.

47. The plugin used to create a cycle through elements as a slideshow is - * (1 Point)

- slideshow
- scrollspy
- carousel ✓
- None of the above

48. Which built-in method returns the length of the string? * (1 Point)

- length() ✓
- size()
- index()
- None of the above.

49. `$.abc()` is equivalent to? * (1 Point)

- [javascript.abc\(\)](#)
- [document.abc\(\)](#)
- [jQuery.abc\(\)](#) ✓
- None of the above

50. The correct syntax of creating a standard navigation bar is? * (1 Point)

- `<nav class="navigationbar navbar">`
- `<nav class="navbar navbar-default">` ✓
- `<nav class="nav navbar">`
- `<nav class="navbar default">`

51. Which of the following is the correct code in jQuery to make all div elements 40px high? * (1 Point)

- `$("div").height(40);` ✓
- `$("div").height = "40" ;`
- `$("div").height = 40 ;`
- None of the above

52. How many columns are allowed in a bootstrap grid system? * (1 Point)

2

12 ✓

3

5

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60 minutes

Core Module-2 (MYSQL)

16-03-2023

* Required

1. Enter Your Name *

2. Choose your NSTI * NSTI JODHPUR

- NSTI MUMBAI
- NSTI NOIDA
-

3. In a relation, __ are selected using the tuple relational calculus. *

(1 Point)

- Attributes
- Tuples**
- Relation
- Calculus

4. Which key is commonly known as a subset of a super key? * (1 Point)

- Candidate key
- Foreign key
- Primary key
- Unique key

5. Which statement helps us to get the definition of a particular table at a time? * (1 Point)

- Show table
- Describe**
- Use table
- All of the above

6. Renaming the output relation is done via the __ operation. * (1 Point)

- Update
- Alter
- Rename**
- Reverse

7. which one is a non-procedural query language? * (1 Point)

- Relational Algebra
- Relational Calculus
- Ambiguous Calculus
- None of the above

8. For select operation the _____ appear in the subscript and the _____ argument appears in the parenthesis after the sigma. *
(1 Point)

- Predicates, relation
- Relation, Predicates
- Operation, Predicates
- Relation, Operation

9. In which operation all the tuples are there in the given two tuples? *
(1 Point)

- Union
- Select
- Rename
- Set Intersection

10. Which command is used to see all the databases ? * (1 Point)

- Show database;
- Show databases;
- Show database();
- Show_all database;

11. Which of the following is SET Operators * (1 Point)

- UNION
- INTERSECT
- MINUS
- UNION ALL
- All of the above

12. The expression used in relational calculus to specify request of retrieval is classified as * (1 Point)

- declarative expression
- procedural expression
- structural expression
- functional expression

13. In which operation we can display a list of the attributes as a result?

*

(1 Point)

- Select
- Project
- Union
- Rename

14. What does Set Intersection Operation denote as? * (1 Point)

- \cup
- \cap
- Π
- I

15. What is the T in Tuple Relational Calculus's Notation? * (1 Point)

- Input Tuples
- Resulting Tuples
- Both A and B
- None of the above

16. Which syntax you will follow to drop a column using alter statement?

- * (1 Point)
- ALTER table_name TABLE DROP COLUMN column_name;
 - ALTER TABLE table_name DROP COLUMN column_name;**
 - ALTER table_name TABLE DROP COLUMN row_name
 - None

17. Which of the following is NOT a type of relational operation? *

(1 Point)

- Select Operation
- Set Difference
- Set Update**
- Cartesian Product

18. a1, a2, ... an notation in DRC are defined as * (1 Point)

- Tuples
- Attributes
- Both A and B
- None of the above

19. In the statement(use students ;), what do you mean by the 'student'? *
(1 Point)

- Database name
- Row name
- Column name
- Table name

20. In which symbol Project Operation is denoted * (1 Point)

- P
- R
- o

□

21. The number of attributes in relation is called as its * (1 Point)

- Cardinality
- Degree
- Tuples
- Entity

22. Which type of join combines the result from both the tables and returns us the Cartesian product of the values? * (1 Point)

- Right join
- Left join
- Inner join
- Cross join

23. What does Set Difference Operation denote as? * (1 Point)

-

+ - U

n

24. Which of the following is the correct syntax to add a field using alter command? * (1 Point)

- ALTER TABLE table_name ADD field_name data type;
- ALTER TABLE table_name, field_name data type;
- ALTER TABLE field_name data type;
- All of the above

25. In Relational Algebra, queries are performed using ___. * (1 Point)

- Entities
- Relationships
- Operators
- Objects

26. Which command you will use to add a row in a table ? * (1 Point)

INSERT INTO

ADD

ALTER

CREATE

27. DRC uses logical connectives * (1 Point)

- \wedge (and)
- \vee (or)
- \neg (not)
- All of the above

28. Find the ID, name, dept name, salary for instructors whose salary is greater than \$50,000 . * (1 Point)

- $\{t \mid t \in \text{instructor} \wedge t[\text{salary}] > 50000\}$
- $\exists t \in r (Q(t))$
- $\{t \mid \exists s \in \text{instructor} (t[\text{ID}] = s[\text{ID}] \wedge s[\text{salary}] > 50000)\}$
- None of the mentioned

29. What is the difference between UNION & UNION ALL operators? * (1 Point)

- Combining the results of two select statements will be done using UNION whereas combined records from both queries are returned by UNION ALL operator.
- Combining the results of two select statements will be done using UNION ALL whereas combined records from both queries are returned by UNION operator.

- After performing the UNION operation, duplicate rows will not be removed whereas after performing the UNION ALL operation, duplicate rows will be removed.
- All of the above

30. Which statement you will use to delete the entire data of a table without disturbing the table definition? * (1 Point)

- DELETE
- TRUNCATE
- DROP
- CLEAR

31. Binding the variable is done by * (1 Point)

- Existential Functions (\exists)
- Universal Quantifier Functions (\forall)
- Both A and B
- None of the above

32. ALTER command is a type of which SQL command? * (1 Point)

-

DML

DDL

DCL

DQL

33. How many types of relational calculus are there? * (1 Point)

1

2

3

4

34. If we want to retain all duplicates, we must write _____ in place of union. * (1 Point)

Union all

Union some

Intersect all

Intersect some

35. Which of the following is a type of relational operation? * (1 Point)

- Project Operation
- Union Operation
- Set Difference

All of the above

36. The types of quantifiers are__ * (1 Point)

- universal quantifier
- existential quantifier
- local quantifier
- both a and b

37. SELECT is a type of which SQL command? * (1 Point)

- DML
- DDL
- DCL
- DQL

38. TRC can be _____. * (1 Point)

- Quantified
- Qualified
- Destroyed
- Created

39. Choose the correct syntax of DRC's notation * (1 Point)

- $\{a_1, a_2, a_3, \dots, a_n \mid P(a_1, a_2, a_3, \dots, a_n)\}$
- $\{P(a_1, a_2, a_3, \dots, a_n) \mid a_1, a_2, a_3, \dots, a_n\}$
- $\{P(a_1, a_2, a_3, \dots, a_n)\}$
- $\{a_1, a_2, a_3, \dots, a_n\}$

40. The domain of __ is used when filtering variables using domain relational calculus. * (1 Point)

- Attributes
- Tuples
- Both a and b
- None of the above

41. Select operation is denoted by * (1 Point)

σ R P

S

42. Which of the following command is used to delete a database? *

(1 Point)

 DELETE DATABASE_NAME; DROP DATABASE_NAME; **DROP DATABASE DATABASE_NAME;** DELETE DATABASE DATABASE_NAME;

43. Find the Correct Expressions for "Find all students who have taken all courses offered in the Biology department." * (1 Point)

 $\exists t \in r (Q(t))$ **$\forall t \in r (Q(t))$** $\neg t \in r (Q(t))$ $\sim t \in r (Q(t))$

44. Union operation eliminates the __ tuples. * (1 Point)

- Simple
- Single
- Duplicate**
- NULL

45. P(T) represents the condition that is used to __ T. * (1 Point)

- Get
- Fetch
- Both A and B**
- None of the above

46. Propositional logic is conducted using p as a formula, using connectors like - * (1 Point)

- AND
- OR
- NOT
- All of the above**

47. What is the full form of DRC? * (1 Point)

- Domain Rational Calculus
- Domain Relational Calculus
- Distributed Rational Calculus

Distributed Relational Calculus

48. Which of the following is not a type of relational calculus? * (1 Point)

- Tuple Relational Calculus
- Domain Relational Calculus
- Both A and B
- None of the above

49. Which is a join condition contains an equality operator: * (1 Point)

- Equijoins
- Cartesian
- Natural
- Left

- 50. Union operation is denoted by - * (1 Point)

u

^

*

!

51. Using the select operation, you can select the * (1 Point)

- Tuples
- Attributes
- Operators
- None

52. What is the notation to denote Tuple Relational Calculus? * (1 Point)

- $\{T \mid P(T)\}$
- $\{P(T) \mid T\}$
- $\{P(T)\}$
- $\{T\}$

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Core Module-2 SDLC

* Required

1. Enter Your Name *

Enter your answer

2. Choose Your NSTI *

NSTI NOIDA

NSTI MUMBAI

NSTI JODHPUR

3. How many levels of testing in software testing? * (1 Point)

10

5

7

4

4. which testing levels checks the data flow from one module to others modules *
(1 Point)

- unit
- system
- integration
- all of the above

5. Alpha, Beta, Gamma is the type of which testing * **(1 Point)**

- unit
- system
- acceptance
- none of the above

6. Identify missing SDLC phase,
Problem identification
Requirement analysis
.....?
Implementation
Testing
Deployment Maintenance * (1 Point)

- System print
- System design
- System hardware
- None of the mentioned above

7. The Waterfall Model was the ___ Process Model. * (1 Point)

- First
- Second
- Third
- None of these

8. First stage of SDLC Process.... * (1 Point)

- Design
- Coding
- Maintenance
- Requirement Collection

9. Regression testing is a major part of which of the life cycle? * (1 Point)

- Waterfall model
- V model
- Iterative model
- All of the above

10. SDLC stands for * (1 Point)

- Software Development Life Cycle
- System Development Life cycle
- Software Design Life Cycle
- System Design Life Cycle

11. System testing is also called:- * (1 Point)

- End to End
- user to user
- both of the above
- none of the above

12. System Development Life Cycle (SDLC) aims to produce a __ system. * (1 Point)

- Low quality
- Average Quality
- High-quality
- None of these

13. SDLC is __ process for building System. * (1 Point)

- Efficient
- Non systematic
- A systematic
- None of these

14. The SDLC involves ___ as explained. * (1 Point)

- Two phases
- Seven phases
- Six phases
- None of these

15. Integration Testing is subdivided into * (1 Point)

- 3 parts
- 2 parts
- 5 parts
- 6 parts

16. ___ of the system gives long life to the new system. * (1 Point)

- Implementation
- Maintenance
- Testing
- None of the mentioned above

17. How many Consecutive Phase of Waterfall Model * (1 Point)

1

2

5

7

18. SDLC models are also referred as ___ * (1 Point)

Spiral Model

Big Bang Model

System Development Process Models

None of these

19. Which one is the Combination of prototype and waterfall projects models * (1 Point)

V-Shaped

Iterative

Spiral

Agile

20. The ___ phase of SDLC concerns with the integration of system elements. *
(1 Point)

- Implementation
- Analysis
- Requirement
- None of these

21. ___ is a SDLC phase which deploys the software to the production environment so users can start using the product. * **(1 Point)**

- Deployment
- Implementation
- Testing
- None of the mentioned above

22. which one is the longest phase of SDLC * (1 Point)

- coding
- design
- testing
- collection

23. Which of the following are advantages of iterative model? * (1 Point)

- Early revenue generation
- Simpler to manage
- Divided workload
- Early feedback
- All the above

24. Which of the following models doesn't necessitate defining requirements at the earliest in the lifecycle? * (1 Point)

- RAD & Waterfall
- Prototyping & Waterfall
- Spiral & Prototyping
- Spiral & RAD

25. which one is not the model of SDLC * (1 Point)

- Spiral
- V-shaped
- BigBang
- None of the above

26. System Development Life Cycle (SDLC) is ___ used by the system experts to design a system. * (1 Point)

- A processor
- A process
- A system
- None of these

27. Which model can be selected if user is involved in all the phases of SDLC? * (1 Point)

- Waterfall Model
- Prototyping Model
- RAD Model
- both Prototyping Model & RAD Model

28. SDLC model BIGBANG is Done with * (1 Point)

- Little to no planning
- big to planning
- both of the bove
- none of the above

29. What does RAD stand for? * (1 Point)

- Rapid Application Document
- Rapid Application Development
- Relative Application Development
- None of the above

30. In testing levels, Unit testing is done by:- * (1 Point)

- Developers
- Testers
- End users
- By all

31. SRS Document is also Known as.. * (1 Point)

- software requirement Specification
- system requirement Specification
- system requirement Special
- none of teh above

32. which testing level is test the entire system? * (1 Point)

- system
- unit
- integration
- acceptance

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1. Which type of language is JavaScript? * (1 Point)

- Scripting
- Markup
- Programming
- None of the above

2. In general, event handler is nothing but * (1 Point)

- interface
- function
- event
- handler

3. In which HTML element, we put the JavaScript code? * (1 Point)

<javascript>...</javascript>

<js>...</js>

<script>...</script>

<css>...</css>

4. Which JavaScript method is used to write on browser's console? * (1 Point)

console.write()

console.output()

console.log()

console.writeHTML()

5. Who developed the bootstrap? * (1 Point)

James Gosling

Mark Jukervich

Mark Otto and Jacob Thornton

Dennis Ritchie

6. Which of the following sign is used as a shortcut for jQuery? * (1 Point)

the % sign

the \$ sign

the @ sign

the & sign

7. The jQuery method used to perform an asynchronous HTTP request

*

(1 Point)

jQuery ajaxSetup() method

jQuery ajaxSync() method

jQuery ajax() method

All the above

8. The correct syntax of creating a standard navigation bar is ? *

(1 Point)

<nav class="navigationbar navbar">

<nav class="navbar default">

<nav class="nav navbar">

<nav class="navbar navbar-default">

9. Which of the following class in Bootstrap is used to create a basic list group? * (1 Point)

- .grouped-list
- .select-list
- .list-group
- .list-grouped

10. What is the full form of CDN ? * (1 Point)

- Content delivery model Content
- distribution network
- none of the above
- All of the above

11. What is full form of JSON ? * (1 Point)

- JavaScript Object Notation
- Java Object Notation
- JavaScript Object Normalization
- JavaScript Object-Oriented Notation

12. Who is the creator of JSON? * (1 Point)

- Alvin Alexander
- Rasmus Lerdorf
- Douglas Crockford
- Jesse James Garrett

13. In the JSON syntax data contains * (1 Point)

- class/object
- name/value
- datatype/variable
- value/=

14. Correct syntax of writing JSON name/value pair, where the value is of string type? * (1 Point)

- "name" : "value"
- "name" : value
- "name" : 'value'
- 'name' : 'value'

15. Which is the correct example of a JSON object with name, class, and city? * (1 Point)

- { "record":{"name":"Alex", "class":"adit", "city":"London"} }
- { "record"={"name":"Alex", "class":"adit", "city":"London"} }
- { "record": {"name":Alex, "class":adit, "city":London} }
- { record :{"name":"Alex", "class":"adit", "city":"London"} }

16. Which function is used to convert text into a JavaScript object? *
(1 Point) JSON.parse()

- string.parse()
- object.parse()
- none of the above
-

17. jQuery is a _____. * (1 Point)

- JavaScript Library
- JSON Library
- Java Library
- JSON and CSS Library

18. Which jQuery is used to hide the current element? * (1 Point)

- `$(this).hideelement()`
- `$(this).hide('true')`
- `$(this).hide(0)`
- `$(this).hide()`

19. Which is the correct jQuery statement to hide all elements having id name "new"? * (1 Point)

- `$("new").hide()`
- `$(new).hide()`
- `$(".new").hide()`
- `$("#new").hide()`

20. Which are the jQuery methods for traversing up the DOM tree? * (1 Point)

- `parent()`
- `parents()`
- `parentsUntil()`
- All of the above

21. Which jQuery method is used to get all direct children of the selected element? * (1 Point)

- children()
- find()
- childrens()
- Both A. and B.

22. Which is the correct statement to convert the below given array to string? const arr = ["Alex", "Alvin", "Bobby", "Dock"]; * (1 Point)

- const json_arr = JSON.string(arr);
- const json_arr = JSON.ToString(arr);
- const json_arr = JSON.ArrayToString(arr);
- const json_arr = JSON.stringify(arr);

23. In the below statement, what is the type of "age"?

{"name": "Alvin", "age": 21, "sports": ["Cricket", "Football", "Running"]} *
(1 Point)

- number
- string
- integer
- long

24. In the JSON syntax, array is written within in ____.* (1 Point)

- Square brackets
- Curley braces
- Paratheses
- None of the above

25. Which is the correct jQuery selector to select all elements? * (1 Point)

- \$("all")
- \$("*.*")
- \$("*")
- \$("***")

26. Ajax stands for ____.* (1 Point) Asynchronous JavaScript and XML

- Asynchronous JSON and XML
- Asynchronous Java and XML
- Asynchronous JavaScript and XMLHttpRequest
-

27. What is the correct syntax to create an XMLHttpRequest object? *

(1 Point)

- XMLHttpRequest() variable
- XMLHttpRequest() variable;
- variable = new XMLHttpRequest()
- variable = new XMLHttpRequest();

28. Which is the correct syntax to call an external JavaScript file in the current HTML document? * (1 Point)

- <script src="jsfile.js"></script>
- <script link="jsfile.js"></script>
- <script href="jsfile.js"></script>
- <script src=jsfile.js></script>

29. In JavaScript, multi-line comments start with __ and end with __. *
(1 Point)

- /* and */
- <!--and -->
- ## and ##
- // and //

30. What is the output of the following JavaScript code?

```
<script>
    var a = 10 + 20 + "5";
    document.getElementById("demo").innerHTML = a;
</script> * (1 Point)
```

- 35
- 305
- TypeError
- ValueError

31. What will be the output of the following JavaScript code?

```
<script>
    var x = (20 + 20) * 5;
    document.getElementById("tes").innerHTML = x;
</script> * (1 Point)
```

- 200
- 120
- TypeError
- none of the above

32. Which JavaScript operator is used to determine the type of a variable? * (1 Point)

type of

TypeOf

typeof

typeOf

33. Which is the alternative to the load event? * (1 Point)

readychange

changestate

readystatechange

contentloader

34. Which is the property that is triggered in response to JavaScript errors? * (1 Point)

onexception

onmessage

onerror

onclick

35. When is the mouseout event fired? * (1 Point)

- When mouse is no longer over an element
- When mouse is over an element
- When mouse is hovered
- None of the mentioned

36. Which function among the following lets to register a function to be invoked once? * (1 Point)

- setTimeout()
- setTotaltime()
- setInterval()
- none of the mentioned

37. Which property is used to specify the key type when pressed? * (1 Point)

- keyCode
- keyType
- keyName
- keyProperty

38. The focus and blur events are also part of _____ * (1 Point)

- Element events
- Handler events
-
-

Window events

Scroll events

39. Which of the following class in Bootstrap is used to provide a responsive fixed width container? * (1 Point)

- .container-fixed
- .container-fluid
- .container
- All of the above

40. The class used to shape an image to a circle is * (1 Point)

- .img-rounded
- .img-circle
- .img-rounded
- None of the above

41. Which of the following class in Bootstrap is used to indicate the uppercased text? * (1 Point)

-

.text-capitalize

.text-upper

.uppercase

.text-uppercase

42. The class used to right align the navigation bar buttons is * (1 Point)

.navbar-rgt

.navbar-btn

.navbar-right

.navbar-default

43. Which of the following grid class in Bootstrap is used for desktops? * (1 Point)

xs

sm

lg

md

44. Which of the following class indicates a warning that might need attention? * (1 Point)

.active

.success

.warning

.danger

45. Which of the following is the default layout of a bootstrap form? *
(1 Point)

- .vertical
- .inline
- .horizontal
- None of the above.

46. Which of the following bootstrap style of buttons creates a default/standard button? * (1 Point)

- .btn
- .btn-primary
- .btn-success
- .btn-info

47. Which is the correct jQuery statement to hide all <div> elements? *
(1 Point)

- \$("div").hide()
- \$(div).hide()
- \$(".div").hide()
- \$("#div").hide()

48. What is the use of jQuery Selectors? find the correct statements. *
(1 Point)

- jQuery selectors are used to select and manipulate HTML element(s).
- jQuery selectors are used to import the HTML elements from the other file.
- jQuery selectors are used to select and manipulate JSON elements(s).
- jQuery selectors are used to select and manipulate ReactJS classes.

49. Which is the correct jQuery selector to select the first list item of every `` element? * (1 Point)

- `$("ul li:first-child")`
- `$("ul li:first.*")`
- `$("li:first-child")`
- `$("ul:first-child")`

50. Which method is used to attach an event handler function to an HTML element when the left, middle or right mouse button is pressed down, while the mouse is over the HTML element? * (1 Point)

- `mousedown()`
- `mouseover()`
- `mousepress()`
- `mousekey()`

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