

Student Name/ID _____

Question 1

A _____ is the term used for a collection of similar objects, such as articles, people or animal. You can create, read, update and destroy items for a resource and these operations are referred to as CRUD operations.

Choose one answer.

- ☐ 1. Schema
- ☐ 2. Resource
- ☐ 3. Rails Console
- ☐ 4. CRUD

Question 2

A _____ is a (visual) representation of the model. Its purpose is to display this information in a human readable format.

Choose one answer.

- ☐ 1. Model - (ActiveRecord) :
- ☐ 2. Web Application
- ☐ 3. Version Control
- ☐ 4. View - (ActionView)

Question 3

A _____ is accessed by users over a network uses a browser as the client and consists of collections of client and server-side scripts HTML pages and other resources that may be spread across multiple servers.

Choose one answer.

- ☐ 1. Rails Validations
- ☐ 2. Web Application
- ☐ 3. Design Pattern
- ☐ 4. ERB Delimiters

Question 4

A _____ is a description of interacting objects and classes that interact to solve a general design problem within particular context.

Choose one answer.

- ☐ 1. Version Control
- ☐ 2. Resource
- ☐ 3. Design Pattern
- ☐ 4. Specify Access

Question 5

A _____ is the link between a user and the system. Its purpose is to receive specific requests for the application.

Choose one answer.

- ☐ 1. Model - (ActiveRecord) :
- ☐ 2. Version Control
- ☐ 3. View - (ActionView)
- ☐ 4. Controller - (ActionController) :

Question 6

An _____ can only be directly accessed or modified within a method definition.

Choose one answer.

- ☐ 1. Rails Console
- ☐ 2. Design Pattern
- ☐ 3. Instance variable
- ☐ 4. Middleware

Question 7

Are HTML tags case sensitive?

Choose one answer.

- ☐ 1. false
- ☐ 2. true

Question 8

Can you access Cookie using javascript?

Choose one answer.

- ☐ 1. false
- ☐ 2. true

Question 9

Can you assign a anonymous function to a variable?

Choose one answer.

- ☐ 1. false
- ☐ 2. true

Question 10

Can you pass a anonymous function as an argument to another function?

Choose one answer.

- ☐ 1. false
- ☐ 2. true

Question 11

Command to start the rails server.

Choose one answer.

- ☐ 1. Rails Validations
- ☐ 2. Rails new
- ☐ 3. Rails directory structure
- ☐ 4. Rails s

Question 12

Every piece of information should have a single, unambiguous, authoritative representation within a system. Duplication of code fragments throughout an application can lead to logical contradictions and in general make the application more difficult to maintain. This concept is known as:

Choose one answer.

- ☐ 1. Resource
- ☐ 2. Embedded Ruby (ERB)
- ☐ 3. Don't repeat yourself (DRY)
- ☐ 4. Design Pattern

Question 13

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

Choose one answer.

- ☐ 1. Both of the statements are correct..
- ☐ 2. Using arguments.length property
- ☐ 3. Using args.length property
- ☐ 4. None of the statements are correct.

Question 14

How can you get the type of arguments passed to a function?

Choose one answer.

- ☐ 1. Both of the statements are correct.
- ☐ 2. using getType function
- ☐ 3. using typeof operator
- ☐ 4. None of the statements are correct.

Question 15

Is HTML5 backward compatible with old browsers?

Choose one answer.

- ☐ 1. false
- ☐ 2. true

Question 16

Is JavaScript a case-sensitive language?

- ☐ 1. false
- ☐ 2. true

Question 17

Structure or organization of the tables within the database. Usually contained in db section of the application's directory.

Choose one answer.

- ☐ 1. CRUD
- ☐ 2. Middleware
- ☐ 3. Schema
- ☐ 4. Resource

Question 18

The practice of tracking and providing control over the changes made to source code. Examples : Github and Bitbucket.

Choose one answer.

- ☐ 1. Design Pattern
- ☐ 2. Resource
- ☐ 3. Rails Console
- ☐ 4. Version Control

Question 19

The _____ allows you interact with a Rails application through the IRB command line, it starts IRB and loads the Rails environment.

Choose one answer.

- ☐ 1. Rails Console
- ☐ 2. Resource
- ☐ 3. Rails Validations
- ☐ 4. Version Control

Question 20

What is the command used to create a new Ruby on Rails application.

Choose one answer.

- ☐ 1. Rails Validations
- ☐ 2. Rails Console
- ☐ 3. Middleware
- ☐ 4. Rails new

Question 21

When you add a new migration, for example by creating a new scaffold, the migration has to be applied to your database. The command is used to update your database.

Choose one answer.

- ☐ 1. ERB Delimiters
- ☐ 2. Rails Console
- ☐ 3. Rake db:migrate
- ☐ 4. Resource

Question 22

Which built-in method combines the text of two strings and returns a new string?

Choose one answer.

- ☐ 1. attach()
- ☐ 2. concat()
- ☐ 3. append()
- ☐ 4. None of the statements are correct.

Question 23

Which built-in method returns the character at the specified index?

Choose one answer.

- ☐ 1. charAt()
- ☐ 2. getCharAt()
- ☐ 3. characterAt()
- ☐ 4. None of the statements are correct.

Question 24

Which of the following browser supports HTML5 in its latest version?

Choose one answer.

- ☐ 1. Both of the statements are correct..
- ☐ 2. Google Chrome
- ☐ 3. Apple Safari
- ☐ 4. None of the statements are correct.

Question 25

Which of the following feature is a part of HTML 5?

Choose one answer.

- ☐ 1. Server-Sent Events
- ☐ 2. WebSocket
- ☐ 3. Persistent Local Storage
- ☐ 4. All of the above.

Question 26

Which of the following input control represents a date (year, month, day) encoded according to ISO 8601 in Web Form 2.0?

Choose one answer.

- ☐ 1. date
- ☐ 2. datetime-local
- ☐ 3. datetime
- ☐ 4. month

Question 27

Which of the following input control represents a date and time (year, month, day, hour, minute, second, fractions of a second) encoded according to ISO 8601 with the time zone set to UTC in Web Form 2.0?

Choose one answer.

- ☐ 1. date
- ☐ 2. datetime-local
- ☐ 3. datetime
- ☐ 4. month

Question 28

Which of the following input control represents a date and time (year, month, day, hour, minute, second, fractions of a second) encoded according to ISO 8601 with no time zone information in Web Form 2.0?

Choose one answer.

- ☐ 1. date
- ☐ 2. datetime-local
- ☐ 3. datetime
- ☐ 4. month

Question 29

Which of the following input control represents a date consisting of a year and a month encoded according to ISO 8601 in Web Form 2.0?

Choose one answer.

- ☐ 1. date
- ☐ 2. datetime-local
- ☐ 3. datetime
- ☐ 4. month

Question 30

Which of the following is a disadvantage of using JavaScript?

Choose one answer.

- ☐ 1. JavaScript doesn't have any multithreading or multiprocess capabilities.
- ☐ 2. JavaScript can not be used for Networking applications because there is no such support available.
- ☐ 3. Client-side JavaScript does not allow the reading or writing of files.
- ☐ 4. All of the above.

Question 31

Which of the following is a valid type of function javascript supports?

Choose one answer.

- ☐ 1. Both of the statements are correct.
- ☐ 2. anonymous function
- ☐ 3. named function
- ☐ 4. None of the statements are correct.

Question 32

Which of the following is an advantage of using JavaScript?

Choose one answer.

- ☐ 1. Increased interactivity
- ☐ 2. Immediate feedback to the visitors
- ☐ 3. Less server interaction
- ☐ 4. All of the above.

Question 33

Which of the following is correct about callbacks?

Choose one answer.

- ☐ 1. Both of the statements are correct.
- ☐ 2. Some callbacks are just events, called to give the user a chance to react when a certain state is triggered.
- ☐ 3. A callback is a plain JavaScript function passed to some method as an argument or option.
- ☐ 4. None of the statements are correct.

Question 34

Which of the following is correct about custom attributes in HTML5?

Choose one answer.

- ☐ 1. Both of the statements are correct..
- ☐ 2. You would be able to get the values of these attributes using JavaScript APIs or CSS in similar way as you get for standard attributes.
- ☐ 3. A custom data attribute starts with data- and would be named based on your requirement.
- ☐ 4. None of the statements are correct.

Question 35

Which of the following is correct about features of JavaScript?

Choose one answer.

- ☐ 1. Both of the statements are correct..
- ☐ 2. JavaScript is open and cross-platform.
- ☐ 3. JavaScript is is complementary to and integrated with HTML.
- ☐ 4. All of the above.

Question 36

Which of the following is correct about JavaScript?

Choose one answer.

- ☐ 1. The general-purpose core of the language has been embedded in Netscape, Internet Explorer, and other web browsers.
- ☐ 2. JavaScript has object-oriented capabilities that allows you to build interactivity into otherwise static HTML pages.
- ☐ 3. JavaScript is a lightweight, interpreted programming language.
- ☐ 4. All of the above.

Question 37

Which of the following is correct about Web form 2.0 in HTML5?

Choose one answer.

- ☐ 1. Form elements and attributes in HTML5 remove a great deal of the need for tedious scripting and styling that was required in HTML4.
- ☐ 2. Form elements and attributes in HTML5 provide a greater degree of semantic mark-up than HTML4.
- ☐ 3. Web Forms 2.0 is an extension to the forms features found in HTML4.
- ☐ 4. All of the above.

Question 38

Which of the following is the correct syntax to create a cookie using JavaScript?

Choose one answer.

- ☐ 1. window.cookie = 'key1 = value1; key2 = value2; expires = date';
- ☐ 2. browser.cookie = 'key1 = value1; key2 = value2; expires = date';
- ☐ 3. document.cookie = 'key1 = value1; key2 = value2; expires = date';
- ☐ 4. navigator.cookie = 'key1 = value1; key2 = value2; expires = date';

Question 39

Which of the following is the correct syntax to print a page using JavaScript?

Choose one answer.

- ☐ 1. navigator.print();
- ☐ 2. browser.print();
- ☐ 3. window.print();
- ☐ 4. document.print();

Question 40

Which of the following is the correct syntax to redirect a url using JavaScript?

Choose one answer.

- ☐ 1. navigator.location='http://www.newlocation.com';
- ☐ 2. browser.location='http://www.newlocation.com';
- ☐ 3. document.location='http://www.newlocation.com';
- ☐ 4. window.location='http://www.newlocation.com';

Question 41

Which of the following is true about cookie handling in JavaScript?

Choose one answer.

- ☐ 1. Both of the statements are correct.
- ☐ 2. JavaScript can read, create, modify, and delete the cookie or cookies that apply to the current web page.
- ☐ 3. JavaScript can manipulate cookies using the cookie property of the Document object.
- ☐ 4. None of the statements are correct.

Question 42

Which of the following is true about HTML 5?

Choose one answer.

- ☐ 1. HTML5 is a cooperation between the World Wide Web Consortium (W3C) and the Web Hypertext Application Technology Working Group (WHATWG).
- ☐ 2. HTML5 is a standard for structuring and presenting content on the World Wide Web.
- ☐ 3. HTML5 is the next major revision of the HTML standard superseding HTML 4.01, XHTML 1.0, and XHTML 1.1.
- ☐ 4. All of the above.

Question 43

Which of the following is true about typeof operator in JavaScript?

Choose one answer.

- ☐ 1. Its value is a string indicating the data type of the operand.
- ☐ 2. The typeof is a unary operator that is placed before its single operand, which can be of any type.
- ☐ 3. Both of the statements are correct..
- ☐ 4. None of the statements are correct.

Question 44

Which of the following is true about variable naming conventions in JavaScript?

Choose one answer.

- ☐ 1. Both of the statements are correct.
- ☐ 2. JavaScript variable names are case sensitive.
- ☐ 3. JavaScript variable names must begin with a letter or the underscore character.
- ☐ 4. None of the statements are correct.

Question 45

Which of the following tag can be used to associate a caption together with some embedded content in HTML5?

Choose one answer.

- ☐ 1. dialog
- ☐ 2. nav
- ☐ 3. footer
- ☐ 4. figure

Question 46

Which of the following tag can be used to mark up a conversation in HTML5?

Choose one answer.

- ☐ 1. dialog
- ☐ 2. nav
- ☐ 3. footer
- ☐ 4. figure

Question 47

Which of the following tag represents a generic document or application section in HTML5?

Choose one answer.

- ☐ 1. aside
- ☐ 2. article
- ☐ 3. section
- ☐ 4. header

Question 48

Which of the following tag represents a piece of content that is only slightly related to the rest of the page in HTML5?

Choose one answer.

- ☐ 1. aside
- ☐ 2. article
- ☐ 3. section
- ☐ 4. header

Question 49

Which of the following tag represents a section of the document intended for navigation in HTML5?

Choose one answer.

- ☐ 1. section
- ☐ 2. nav
- ☐ 3. footer
- ☐ 4. dialog

Question 50

Which of the following tag represents an independent piece of content of a document in HTML5?

Choose one answer.

- ☐ 1. aside
- ☐ 2. article
- ☐ 3. section
- ☐ 4. header