Full Name: Kenneth Choi Email: kennethichoi@gmail.com Test Name: MBA: Rails/ActiveRecord Taken On: 1 Aug 2019 17:17:21 PDT Time Taken: 19 min 57 sec/ 20 min Work Experience: 1 years Invited by: Jeff Invited on: 1 Aug 2019 17:14:52 PDT Tags Score: Advanced 10/20 Essential 65/75 Full Stack 9/9 MVC 9/9 ORM 10/10 95/115 Rails Rails ActiveRecord 15/20 Rails Associations 25/25 Rails Concerns 5/5 Rails Controllers 35/40 Rails Models 45/55 Rails Routes 5/10 Rails Validations 10/15 Rake 5/5

Ruby 5/5

84.5%

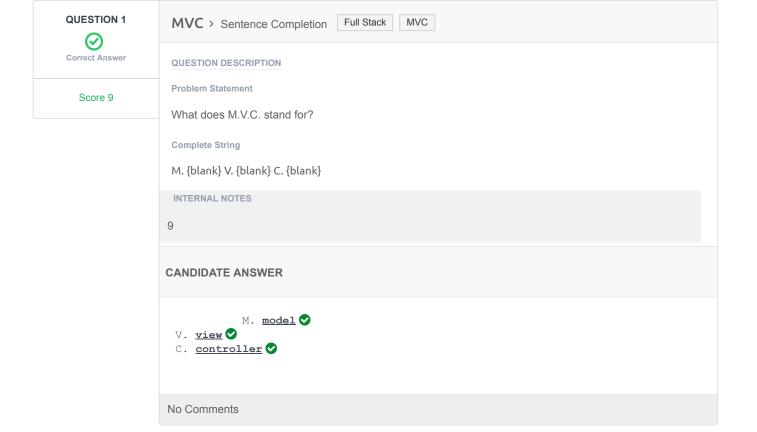
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scored in MBA: Rails/ActiveRecord in 19 min 57 sec on 1 Aug 2019 17:17:21 PDT

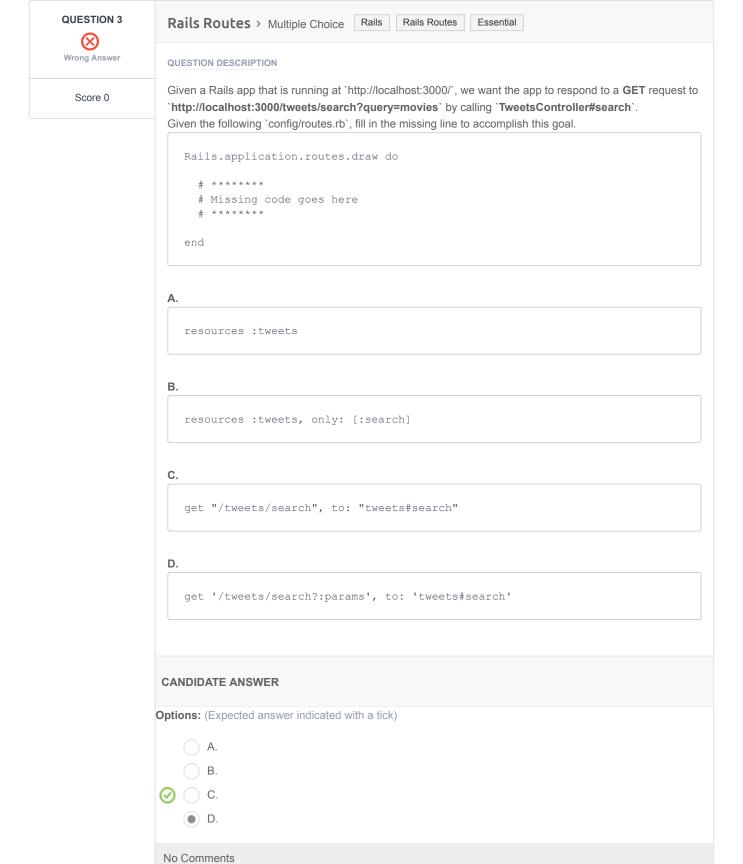
Recruiter/Team Comments:

	Question Description	Time Taken	Score	Status
Q1	MVC > Sentence Completion	12 sec	9/ 9	Ø
Q2	Rails Routes > Multiple Choice	45 sec	5/ 5	⊘
Q3	Rails Routes > Multiple Choice	4 min 36 sec	0/ 5	8
Q4	Rails Controllers > Multiple Choice	1 min 9 sec	5/ 5	⊘
Q5	Rails Controllers > Multiple Choice	14 sec	5/ 5	⊘
Q6	Rails Associations > Multiple Choice	14 sec	5/ 5	Ø

Q7	Rails Models > Multiple Choice	8 sec	5/ 5	Ø
Q8	Rails Controllers > Multiple Choice	6 sec	5/ 5	②
Q9	Rails Associations > Multiple Choice	58 sec	5/ 5	⊘
Q10	Rails Associations > Multiple Choice	6 sec	5/ 5	⊘
Q11	Rails ORM > Multiple Choice	9 sec	5/ 5	⊘
Q12 Fill in the blank with a line of code that will enforce the rule that all users > Multiple Choice		19 sec	5/ 5	⊘
Q13 Which of the following model class methods will trigger model validations? (Sele > Multiple Choice		1 min 18 sec	0/ 5	8
Q14 In an example application, the developer wants to make the application more secu > Multiple Choice 52 sec		52 sec	5/ 5	Ø
Q15	What is the difference between > Multiple Choice	10 sec	5/ 5	Ø
Q16	Given the following method inside a controller: > Multiple Choice	35 sec	5/ 5	Ø
Q17	Params > Multiple Choice	15 sec	0/5	\otimes
Q18	Redirect vs. Render > Multiple Choice	25 sec	5/ 5	Ø
Q19	Flash > Multiple Choice	10 sec	5/ 5	Ø
Q20	What is the purpose of Rails concerns? > Multiple Choice	1 min 13 sec	5/ 5	Ø
Q21	Cookies > Multiple Choice	13 sec	5/ 5	Ø
Q22 The code below should add the authors of the 100 most recent tweets to the recen > Multiple Choice 25 sec		25 sec	5/ 5	Ø
Q23	Given the following example Rails model: > Multiple Choice	1 min 27 sec	0/5	\otimes
Q24 What SQL will be generated based on the following ActiveRecord query? > Multiple Choice 29 sec		29 sec	5/ 5	⊘
Q25	Flash > Multiple Choice		5/ 5	⊘



QUESTION 2 (Correct Answer **QUESTION DESCRIPTION** Score 5 Rails.application.routes.draw do resources :users, only: [:index, :show, :create] Given the following setup in `config/routes.rb` in a Ruby on Rails Project, what routes will be created? A. users GET /users(.:format) users#index users#create POST /users(.:format) user GET /users/:id(.:format) users#show B. users GET /users(.:format) users#index GET /users(.:format) users#create user GET /users/:id(.:format) users#show C. users GET /users(.:format) users#index pOST /users(.:format) users#create new_user GET /users/new(.:format) users#new edit_user GET /users/:id/edit(.:format) users#edit user GET /users/:id(.:format) users#show PATCH /users/:id(.:format) users#update PUT /users/:id(.:format) users#update DELETE /users/:id(.:format) users#destroy D. DELETE /users/:id(.:format) users#destroy **CANDIDATE ANSWER Options:** (Expected answer indicated with a tick) A.) B. D.



QUESTION 4 Θ

Score 5

Correct Answer

Rails Controllers > Multiple Choice Ruby Rails Controllers

QUESTION DESCRIPTION

Given the following controller, we want the TweetsController#index method to render the `app/views/tweets/index.html.erb` view.

```
class TweetsController < ApplicationController</pre>
  # ******
  # Missing code goes here
end
```

Select the correct options to fill in the missing code. (Multiple Selection)

def index; end

B.

```
def index
render :index
```

C.

```
def index
 redirect to :index
end
```

D.

```
def index
 render 'index.html.erb'
end
```

CANDIDATE ANSWER

Options: (Expected answer indicated with a tick)



A.

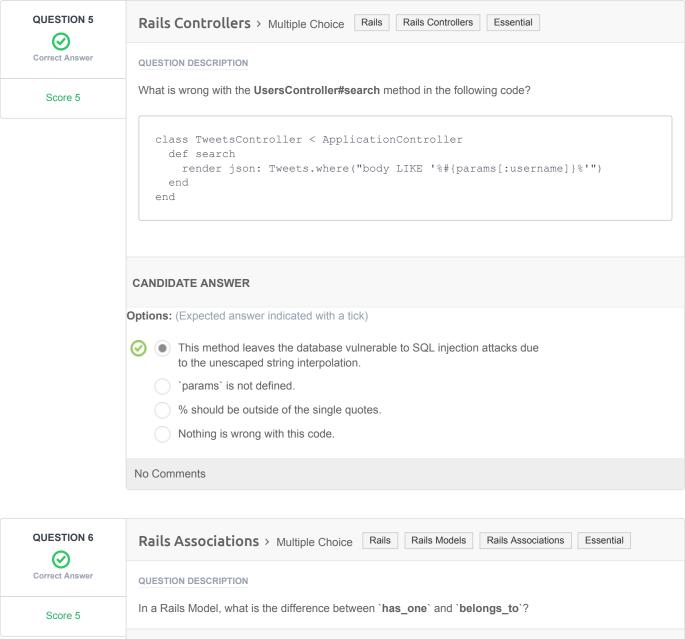


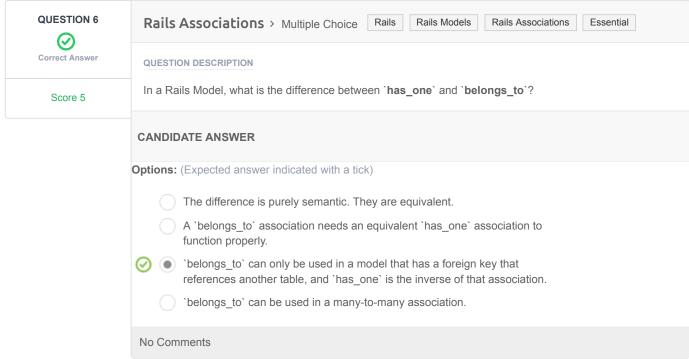
B.

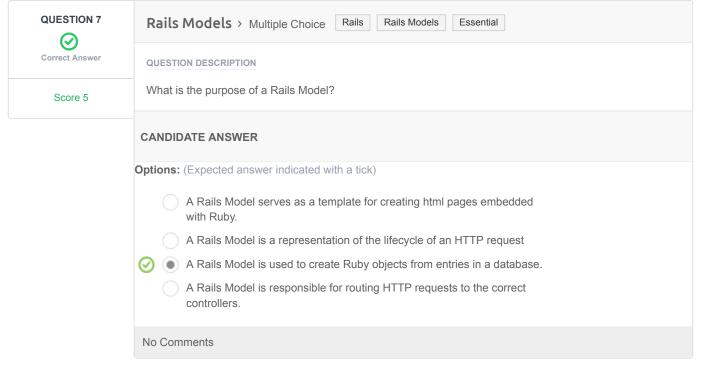


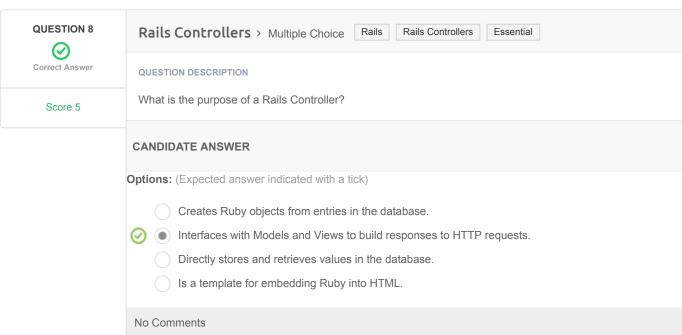
) C.

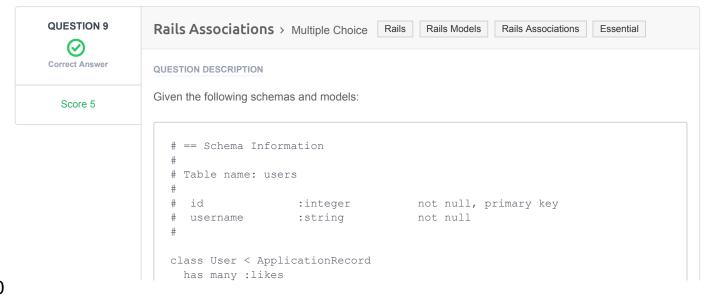




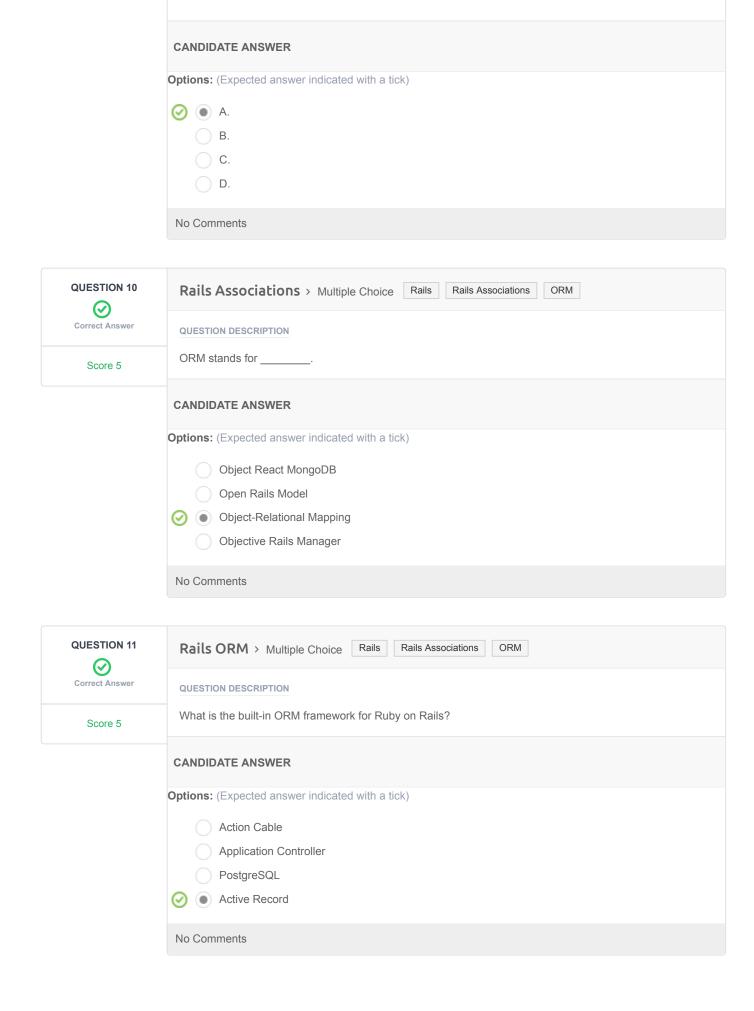


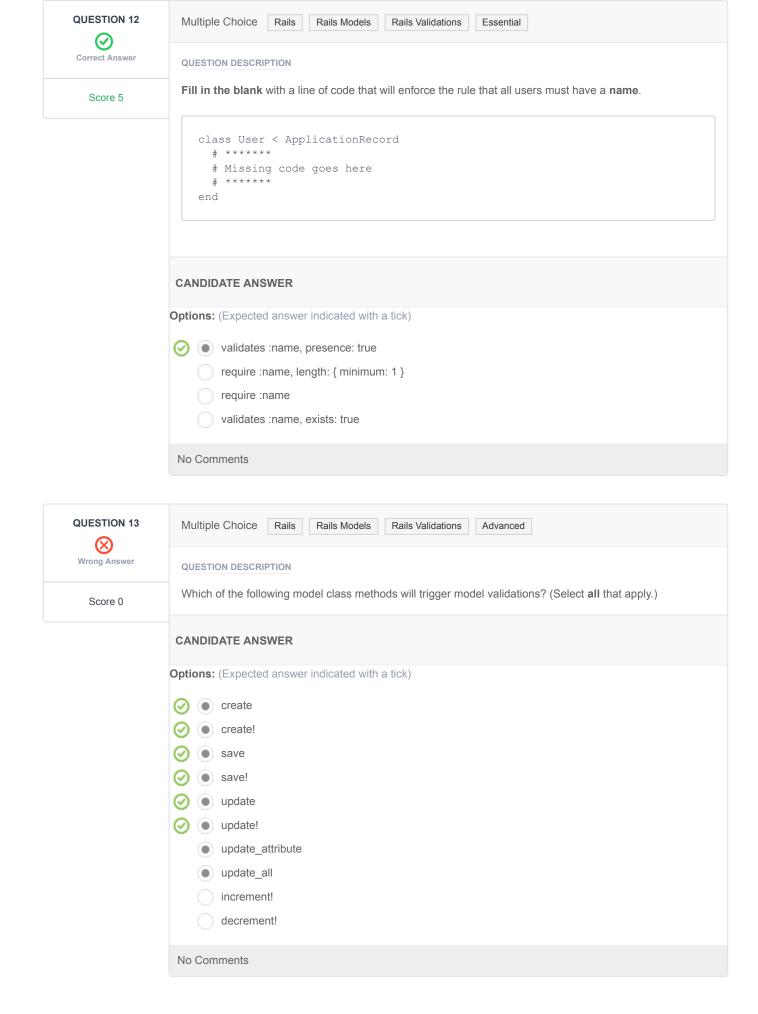


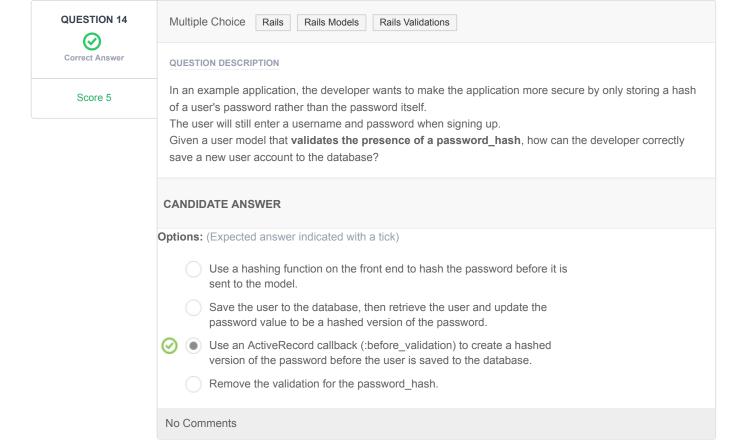


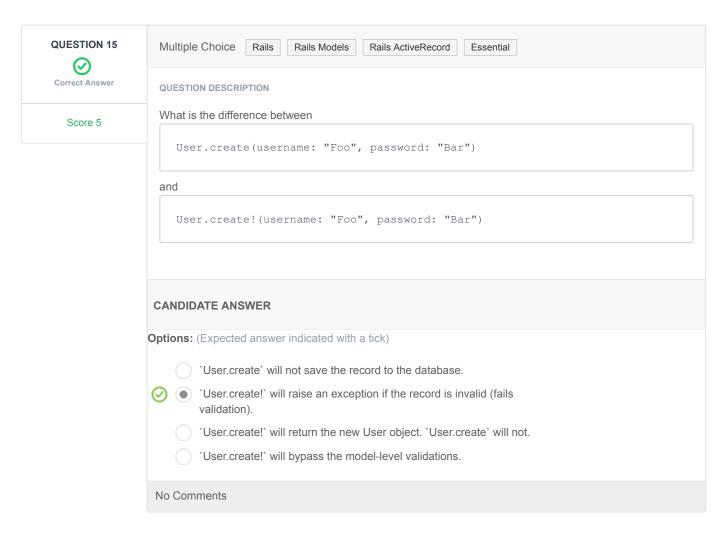


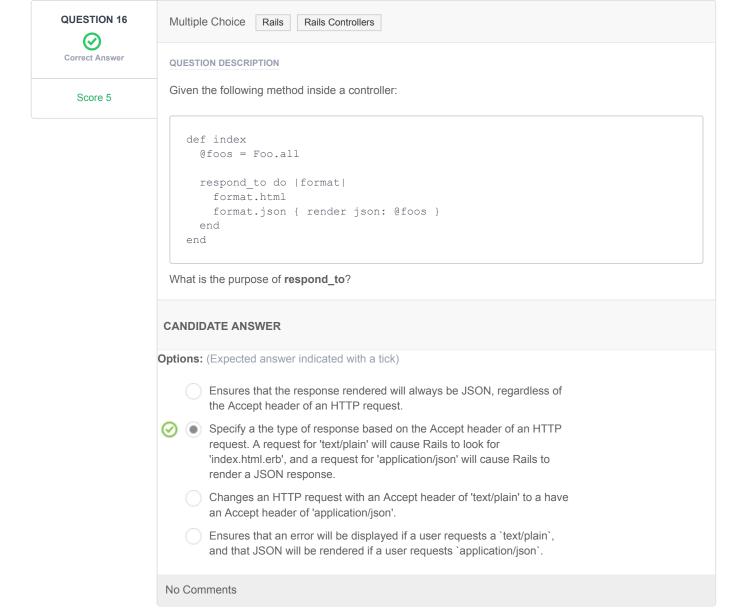
```
# ******
    # Missing code goes here
  end
  # == Schema Information
  # Table name: tweets
  # id :integer not null, primary key
# author_id :integer not null
# body :string not null
  class Tweet < ApplicationRecord</pre>
   has_many :likes
  end
  # == Schema Information
  # Table name: likes
  # user_id :integer not null, primary key
# tweet_id :integer not null
  class Like
   belongs_to :tweet
   belongs_to :user
  end
Which of the following code snippets would allow us to call `User.first.liked_tweets`?
  has_many :liked_tweets,
    through: :likes,
           source: :tweet
B.
  has_many :liked_tweets,
       through: :tweets id,
           source: :Tweet
C.
 has many :liked tweets,
          through: :tweets
  has_many :liked_tweets,
           through: :tweets,
           source: :like
```

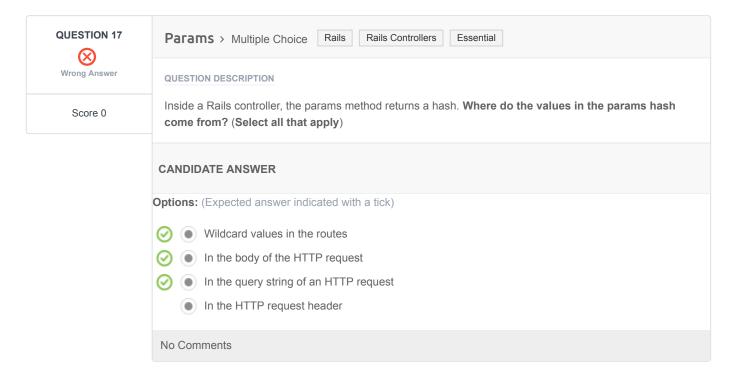






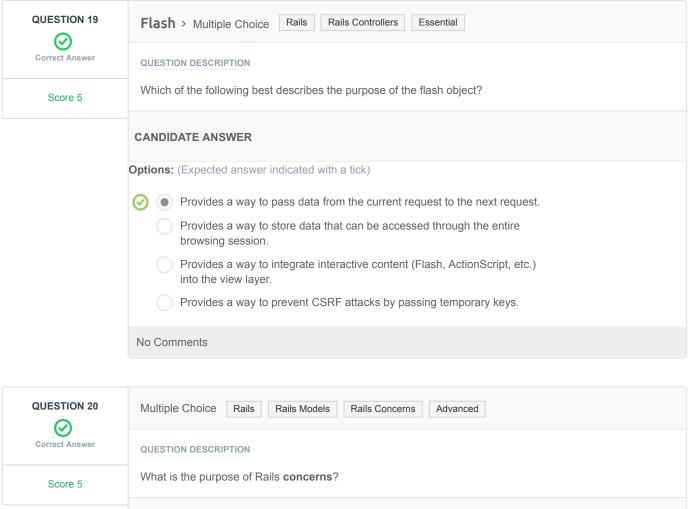


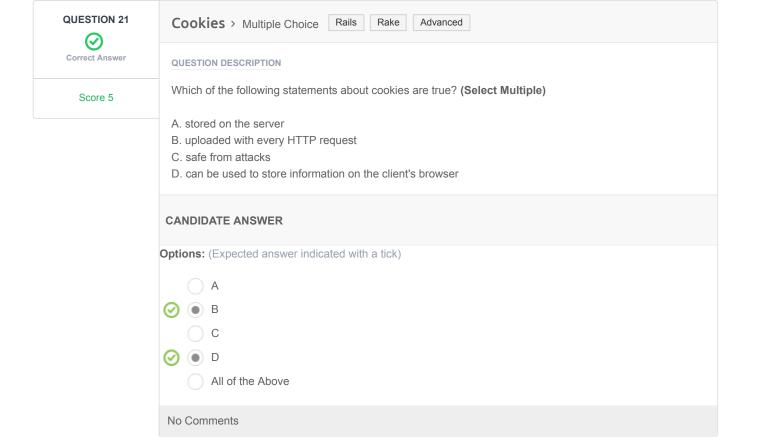




QUESTION 18 Redirect vs. Render > Multiple Choice Rails Rails Controllers Essential Correct Answer QUESTION DESCRIPTION What is the difference between render vs. redirect in Rails? Score 5 **Examples:** def destroy @post = Post.find(params[:id]) render :show end VS. def destroy @post = Post.find(params[:id]) redirect_to post_url(@post) end **CANDIDATE ANSWER** Options: (Expected answer indicated with a tick) The redirect_to method causes a new HTTP request to the URL provided. The render method stays on the same HTTP request and renders the HTML template provided. The redirect_to and render methods are synonyms. Both create a new HTTP request to the url path given. The render method causes a new HTTP request to the URL provided. The redirect_to method stays on the same HTTP request and renders the HTML template provided. Neither creates a new HTTP request, they both render the HTML template

provided.





QUESTION 22 Correct Answer

Score 5

Multiple Choice Rails Rails Models Rails ActiveRecord Essential

QUESTION DESCRIPTION

The code below should add the authors of the 100 most recent tweets to the *recent_authors* array. A *Tweet* belongs_to an *Author*, and an *Author* has_many *Tweets*.

The below code currently creates an N+1 query. How could we rewrite @tweets to avoid the N+1 query?

```
#### Replace This!
@tweets = Tweet.order(published_at: :desc).limit(100)
####

recent_authors = []

@tweets.each.with_index do |tweet, idx|
   order_author = "#{idx}: #{tweet.author.name}"
   recent_authors.push(order_author)
end
```

CANDIDATE ANSWER

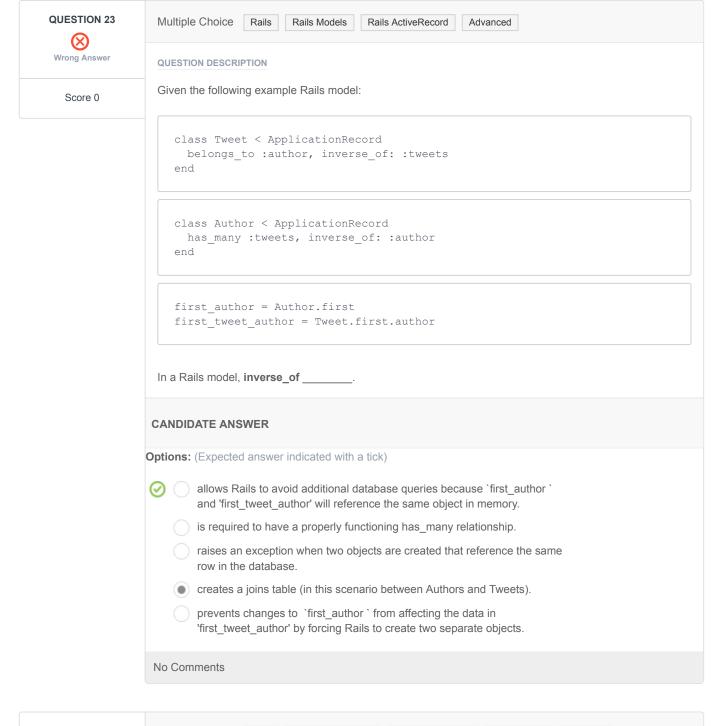
Options: (Expected answer indicated with a tick)

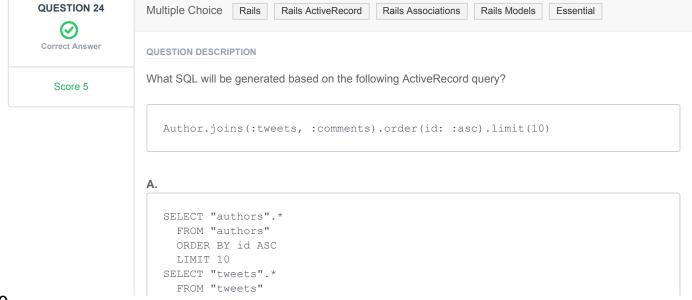


@tweets = Tweet.order(published_at: :desc).includes(:authors).limit(100)

@tweets = Tweet.order(published_at: :desc).with(:authors).limit(100)

@tweets = Tweet.order(published_at: :desc).joins(:authors).limit(100)





```
WHERE ("tweets"."author_id" IN (1,2,3,4,5,6,7,8,9,10))
    SELECT "comments".*
      FROM "comments"
      WHERE ("comments"."author_id" IN (1,2,3,4,5,6,7,8,9,10))
 B.
    SELECT "authors".*
    FROM "authors"
    INNER JOIN "tweets"
    ON "tweets"."author_id" = "authors"."id"
    INNER JOIN "comments"
    ON "comments"."author id" = "authors"."id"
    ORDER BY id ASC
     LIMIT 10
 C.
    SELECT "tweets".*
     FROM "tweets"
     INNER JOIN "authors"
     ON "authors"."tweets id" = "tweets"."id"
     SELECT "comments"
     FROM "comments"
     INNER JOIN "authors"
     ON "comments.author_id" = "authors"."id"
      ORDER BY id ASC
      LIMIT 10
 D.
 Exception raised
CANDIDATE ANSWER
Options: (Expected answer indicated with a tick)
    C.
   O D.
```

QUESTION 25	Flash > Multiple Choice Rails Rails Controllers Essential
Correct Answer	QUESTION DESCRIPTION
Score 5	Data in the flash object will persist for how long?
	CANDIDATE ANSWER
	Options: (Expected answer indicated with a tick)
	The length of the current browsing session.
	Until the user clears their browsing cache.
	One request cycle.
	A predetermined amount of time, designated by the developer.
	No Comments

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