



## Review Test Submission: Midterm

User	Thuong Tran
Course	18S Advanced Web Programming - 02
Test	Midterm
Started	6/22/18 12:01 PM
Submitted	6/22/18 1:01 PM LATE
Due Date	6/22/18 1:01 PM
Status	Needs Grading
Attempt Score	0.00000 out of 400.00000 points
Time Elapsed	1 hour, 0 minute out of 1 hour
Instructions	This test will have to be completed by 1:00pm, or it will auto submit. It is worth 65% of the midterm mark.
Results Displayed	All Answers, Submitted Answers, Correct Answers

### Question 1

6.66666 out of 10.00000 points

What is the basic order of how a request and response travel?

#### Answers

- ☒ 1. User requests page/image/data from site
- ☒ 2. Request is sent to the DNS for a lookup
- ☒ 3. Request is sent to the server for handling
- ☒ 4. Server handles the request
- ☒ 5. Server issues a response to the request recipient
- ☒ 6. Recipient receives response

#### Selected Answer

- ☒ 1. User requests page/image/data from site
- ☒ 2. Request is sent to the DNS for a lookup
- ☒ 3. Request is sent to the server for handling
- ☒ 4. Server handles the request
- ☒ 4. Server issues a response to the request recipient
- ☒ 5. Recipient receives response

### Question 2

10.00000 out of 10.00000 points

SCSS, LESS, SASS, CoffeeScript, TypeScript, EJS, Pug, HamI, ect... are categorized as preprocessor languages.

Selected Answer: ☒ True

Answers: ☒ True

False

**Question 3**

7.14285 out of 10.00000 points

Match the **verb and user request** to the **intercepting route and controller action**:

Question	Correct Match	Selected Match
<b>GET /products</b>	<input checked="" type="checkbox"/> A. /products -> controller.index	<input checked="" type="checkbox"/> A. /products -> controller.index
<b>GET /products/12345</b>	<input checked="" type="checkbox"/> G. /products/:id -> controller.show	<input checked="" type="checkbox"/> B. /products/:id -> controller.update
<b>GET /products/new</b>	<input checked="" type="checkbox"/> D. /products/new -> controller.new	<input checked="" type="checkbox"/> D. /products/new -> controller.new
<b>GET /products/12345/edit</b>	<input checked="" type="checkbox"/> E. /products/:id/edit -> controller.edit	<input checked="" type="checkbox"/> E. /products/:id/edit -> controller.edit
<b>POST /products</b>	<input checked="" type="checkbox"/> C. /products -> controller.create	<input checked="" type="checkbox"/> C. /products -> controller.create
<b>POST /products/12345</b>	<input checked="" type="checkbox"/> B. /products/:id -> controller.update	<input checked="" type="checkbox"/> G. /products/:id -> controller.show
<b>POST /products/12345/delete</b>	<input checked="" type="checkbox"/> F. /products/:id/delete -> controller.delete	<input checked="" type="checkbox"/> F. /products/:id/delete -> controller.delete

All Answer Choices

- A. /products -> controller.index
- B. /products/:id -> controller.update
- C. /products -> controller.create
- D. /products/new -> controller.new
- E. /products/:id/edit -> controller.edit
- F. /products/:id/delete -> controller.delete
- G. /products/:id -> controller.show

**Question 4**









10.00000 out of 10.00000 points

The Express Generator stubs many common components of a web application.

Selected Answer: ☒ True
 Answers: ☒ True  
☐ False
**Question 5**

2.50000 out of 10.00000 points

Match the response codes with their types

Question	Correct Match	Selected Match
Successes	 A. 200s	 A. 200s
Client Errors	 C. 400s	 A. 200s
Server Errors	 D. 500s	 B. 300s
Redirects	 B. 300s	 A. 200s

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**All Answer Choices**

- A. 200s
- B. 300s
- C. 400s
- D. 500s

**Question 6**

10.00000 out of 10.00000 points

Servers reliably maintain state

Selected Answer:  True

Answers:  True  
 False

**Question 7**

10.00000 out of 10.00000 points

SCSS provides us the ability to create mixins and variables, as well as use nesting.

Selected Answer:  True

Answers:  True  
 False

**Question 8**

10.00000 out of 10.00000 points

Only a single promise can be used to execute the then() operation.

Selected Answer:  False

Answers: True  
 False

**Question 9**

6.00000 out of 10.00000 points

Put the steps in the correct order for the use case:

**I want to see one resource**

## Answers

- ☒ 1. User makes a request
- ☒ 2. The request is interpreted by the router
- ☒ 3. The appropriate controller action is called
- ☒ 4.  
The controller requests the resource from the database
- ☒ 5. The controller renders the view

## Selected Answer

- ☒ 1. User makes a request
- ☒ 2. The request is interpreted by the router
- ☒ 3.  
The controller requests the resource from the database
- ☒ 4. The appropriate controller action is called
- ☒ 5. The controller renders the view

## Question 10

0.00000 out of 10.00000 points

NoSQL DBs allow for easy scaling due to the dynamic nature of their schema.

Selected Answer: ☒ False

Answers: ☒ True  
☐ False

## Question 11

10.00000 out of 10.00000 points

Put the steps in the correct order for the use case:

**I want to see all records of a resource;**

## Answers

- ☒ 1. User makes request
- ☒ 2. The request is interpreted by the router
- ☒ 3. The appropriate controller action is called
- ☒ 4.  
The controller fetches the resources from the database
- ☒ 5. The controller renders the view

## Selected Answer

- ☒ 1. User makes request
- ☒ 2. The request is interpreted by the router
- ☒ 3. The appropriate controller action is called
- ☒ 4.  
The controller fetches the resources from the database
- ☒ 5. The controller renders the view

## Question 12

0.00000 out of 10.00000 points

Scaffolding is integral to building an application and not at all opinion based.


Selected Answer: ☒ True

Answers: ☐ True  
☒ False

## Question 13

0.00000 out of 10.00000 points

EJS uses delimiters to define JavaScript that must be parsed.


Selected Answer:  False

Answers:  True  
 False

### Question 14

10.00000 out of 10.00000 points

SCSS is a CSS preprocess language that must be transpiled.

Selected Answer:  True

Answers:  True  
 False

### Question 15

10.00000 out of 10.00000 points

Mixins, variables, and nested selectors are some benefits of SCSS.


Selected Answer:  True

Answers:  True  
 False


### Question 16

0.00000 out of 10.00000 points


Choose all that are valid JSON:

Selected Answers: 


```
{  
  'key one': 'value',  
  'key 1': 43,  
  key1: 19.56  
}
```

Answers: 

```
{  
  'key one': 'value',  
  'key 1': 43,  
  key1: 19.56  
}
```




```
{  
  'key one': 'value',  
  'key 1': 43,  
  key1: 19.56,  
  {  
    'key 1': 43,  
    key1: 19.56  
  }  
}
```



```
}
```

```
{
  'key one': 'value',
  'key 1': 43,
  key1: 19.56,
  {
    'key 1': 43,
    key1: 19.56
  },
  [
    'value 1',
    'value 2',
    {
      key2: 'boo'
    }
  ]
}

```




```
}
```

```
{
  'key one': 'value',
  'key 1': 43,
  key1: 19.56,
  {
    43,
    19.56
  },
  [
    'value 1',
    'value 2'
  ]
}
```

**Question 17**

10.00000 out of 10.00000 points

Promises wrap code in an API that allows us to trigger resolve or reject events at certain points within our code.

Selected Answer:  True

Answers:  True

False

**Question 18**

10.00000 out of 10.00000 points

Server-side security is 100%reliable, allowing us to set-it and forget-it

Selected Answer:  False

Answers: True

 False

**Question 19**

10.00000 out of 10.00000 points

Below is the common structure of an EJS file:

.container

.my-class{ data: { target: 'boo' } } Ghosts! AH!

```
%header
%h5 The Tale of Two Cities
```

```
- ['p', 't', 'a'].each do |let|
= let
```

Selected Answer: ☒ FalseAnswers: ☐ True  
☒ False**Question 20**

10.00000 out of 10.00000 points

Routing is considered a middleware.

Selected Answer: ☒ TrueAnswers: ☒ True  
☐ False**Question 21**

0.00000 out of 10.00000 points

Promises use .then() to fire off code once a promise has been fulfilled.

Selected Answer: ☒ FalseAnswers: ☒ True  
☐ False**Question 22**

5.00000 out of 10.00000 points

What are the 2 sets of operators that denote objects and arrays?

Selected Answers: ☒ ( )☒ []Answers: ☐ ( )☐ < >☒ { }☒ [ ]**Question 23**

10.00000 out of 10.00000 points

Express is considered a middleware because it glues together routes and actions, controllers and methods, and views and controllers.

Selected Answer: ☒ TrueAnswers: ☒ True  
☐ False**Question 24**

10.00000 out of 10.00000 points

I can use **ls** or **dir** to list the files in my command line tool.







Selected Answer:  True

Answers:  True  
False

### Question 25

10.00000 out of 10.00000 points

Match MVC up with their definitions

Question	Correct Match	Selected Match
Handles the visual part and user interaction	 A. View	 A. View
Responds to system and user events and commands delivery and manipulation of data	 B. Controller	 B. Controller
Handles data manipulation and responds to requests for data	 C. Model	 C. Model




All Answer Choices





- A. View
- B. Controller
- C. Model

### Question 26

7.50000 out of 10.00000 points

Which labels are valid for JSON key naming?


Selected Answers:  key1  
 'key one'  
 key\_1

Answers:  key1  
 'key one'  
 key\_1  
 'my super awesome key'

### Question 27

10.00000 out of 10.00000 points

Clients are capabilities are not reliable

Selected Answer:  True

Answers:  True  
False



**Question 28**

10.00000 out of 10.00000 points

Scaffolding creates files and folders using predefined templates.

Selected Answer: ☒ True

Answers: ☒ True  
☐ False

**Question 29**

10.00000 out of 10.00000 points

Clients reliably maintain state

Selected Answer: ☒ False

Answers: ☐ True  
☒ False

**Question 30**

10.00000 out of 10.00000 points

Middleware glues together complex systems.

Selected Answer: ☒ True

Answers: ☒ True  
☐ False

**Question 31**

0.00000 out of 10.00000 points

SCSS is a format that is renderable by the browser.

Selected Answer: ☒ True

Answers: ☐ True  
☒ False

**Question 32**

10.00000 out of 10.00000 points

Below is valid SCSS:

```
body {  
  background: #fff;  
  padding: 2em;  
  
  .container {  
    margin: 1em;  
  }  
}
```

Selected Answer: ☒ True

Answers: ☒ True  
☐ False

## Question 33

10.00000 out of 10.00000 points

What is the order for creating a new generated express application? (assuming express-generator, node, and express are installed)

## Answers

- ☒ 1. **express --css=sass --view=ejs the\_app**
- ☒ 2. **cd the\_app**
- ☒ 3. **npm install**
- ☒ 4. **npm start**

## Selected Answer

- ☒ 1. **express --css=sass --view=ejs the\_app**
- ☒ 2. **cd the\_app**
- ☒ 3. **npm install**
- ☒ 4. **npm start**

## Question 34

2.00000 out of 10.00000 points

Put the steps in the correct order for the use case:

**I want to create a new resource**

## Answers

- ☒ 1. User makes a request
- ☒ 2.  
The router interprets the request: **/resources/new**
- ☒ 3. The **new** controller action is called
- ☒ 4. The controller renders the **new** view
- ☒ 5.  
The **new** view renders a form that the user fills out and submits
- ☒ 6.  
The application makes a request to create the resource
- ☒ 7.  
The router interprets the request: **/resources**
- ☒ 8. The **create** controller action is called
- ☒ 9.  
The controller sends the data to the model which attempts to create a new resource
- ☒ 10. The controller redirects to the index path

## Selected Answer

- ☒ 1. User makes a request
- ☒ 2.  
The router interprets the request: **/resources**
- ☒ 3.  
The controller sends the data to the model which attempts to create a new resource
- ☒ 4. The controller redirects to the index path
- ☒ 5. The controller renders the **new** view
- ☒ 7.  
The **new** view renders a form that the user fills out and submits
- ☒ 8. The **create** controller action is called
- ☒ 9. The **new** controller action is called
- ☒ 9.  
The application makes a request to create the resource
- ☒ 10.  
The router interprets the request: **/resources/new**

## Question 35

10.00000 out of 10.00000 points

The request contains 3 primary parts

Selected Answers: ☒ 1. Request Headers  
☒ 3. Request Body  
☒ 4. Request Line

Answers: ☒ 1. Request Headers  
2. Recipients Personal Profile  
☒ 3. Request Body  
☒ 4. Request Line

**Question 36**

10.00000 out of 10.00000 points

Client-side validation is reliable form of security

Selected Answer: ☒ False

Answers: True  
☒ False

**Question 37**

10.00000 out of 10.00000 points

SCSS has no additional features over CSS

Selected Answer: ☒ False

Answers: True  
☒ False

**Question 38**

10.00000 out of 10.00000 points

Server capabilities are unreliable

Selected Answer: ☒ False

Answers: True  
☒ False

**Question 39**

0.00000 out of 10.00000 points

The File Server read() method requires an encoding argument to be passed if you want to read the data as a raw binary stream.


Selected Answer: ☒ True

Answers: True  
☒ False


**Question 40**

0.00000 out of 10.00000 points

Mongo is considered a relational database, consisting of tables, columns, and rows.

Selected Answer:  True

Answers: True

 False

Friday, June 22, 2018 1:02:31 PM EDT

← OK