Midterm Module B

Due Oct 20 at 11:59pm   **Points** 20   **Questions** 20
Time Limit 30 Minutes

Instructions

There are 20 questions in this module and you have 30 minutes to complete the quiz.

In all 3 module put together (A, B, and C), the question distribution is *roughly* as follows

- HTML/CSS/Flex (~15%)
- Networking/HTTP (~10%)
- Project structure (Client/Server/Setup/etc) (~10%)
- Database/DAO (~15%)
- Vue-related (~35%)
- REST/fetch/router/terms (~15%)

Attempt History

	Attempt	**Time**	**Score**
LATEST	**Attempt 1**	30 minutes	19 out of 20

Score for this quiz: **19** out of 20
Submitted Oct 16 at 5:50pm
This attempt took 30 minutes.

Question 1	**1 / 1 pts**

Which of the following is *false* about the UDP protocol?

○ UDP is faster than TCP

Correct!   ● UDP is useful for documents

○ UDP is a connectionless protocol

○ UDP is useful for live media

Question 2   1 / 1 pts

In an HTML <form> element, which of the following is NOT a good reason to use method="post"?

○ you have an input type "password" in your form

Correct!

◉ you want your data to be visible in the page address field

○ you are sending large amounts of data

○ you are sending sensitive information

Question 3   1 / 1 pts

A foreign key in a table does NOT have to be unique.

Correct!

◉ True

○ False

Question 4   1 / 1 pts

What is the default port for internet web server software?

Correct!

◉ 80

○ 8080

○ 127.0.0.1

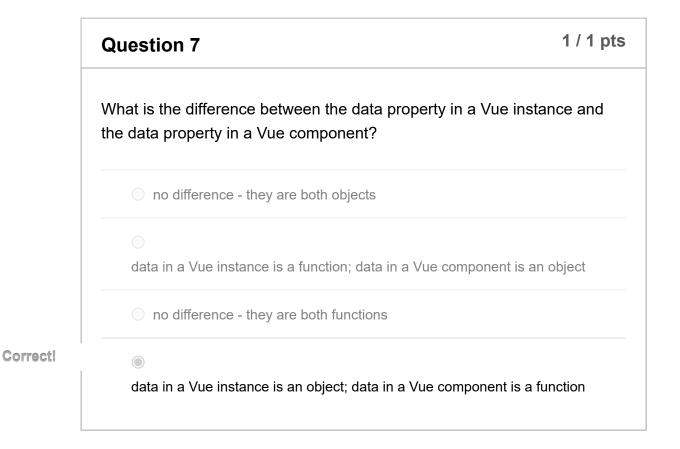○ 3306

Question 5

1 / 1 pts

Suppose I have three flexbox items: A, B, and C arranged in a row. I want A to be all the way on the left edge of the container, C to be all the way on the right edge of the container, and the three items to be evenly spaced. What CSS command will do this?

Correct!

◉ justify-content: space-between

○ align-items: center

○ align-items: distribute-horizontally

○ justify-content: space-around

Question 6

1 / 1 pts

When is the following CSS rule applied?

```
ul.buttons a:hover{
    color: #ff00ff;
}
```

○ When you are hovering over any link inside an unordered list with class *or* id buttons

○

When you are hovering over a link in an unordered list with class buttons that is directly under the <ul> tag (*not* inside an <li> element)

Correct!

◉

When you are hovering over any link inside an unordered list with class buttons

○

When you are hovering over a link in an unordered list with class buttons that is also inside an <li> element

Question 7   1 / 1 pts

What is the difference between the data property in a Vue instance and the data property in a Vue component?

○ no difference - they are both objects

○

data in a Vue instance is a function; data in a Vue component is an object

○ no difference - they are both functions

Correct!

◉

data in a Vue instance is an object; data in a Vue component is a function

Question 8   1 / 1 pts

Vue is reactive. What is an example of this?

○

Vue applications can be created using a single HTML page and multiple
components

○

Data in Vue components can be passed to a child component using props

○

The same Vue application can be viewed on different devices (browsers,
phones, etc.)

Correct!

◉

When data in a Vue instance changes, the HTML content linked to that
data is updated

Question 9   1 / 1 pts

Suppose you want an image to update whenever the image data in a Vue
instance changes. What would your HTML img tag look like?

○   <img src={{my-image}}>

Correct!

◉   <img v-bind:src="my-image">

○   <img src=${my-image}>

○   <img v-link:src="my-image">

Question 10   1 / 1 pts

Assuming our Vue data contains a "messages" array of strings, how would we print out the list of messages in HTML?

○
```
<ul v-for="message in messages">
    <li>{{ message }}</li>
</ul>
```

○
```
<ul v-for="message" v-in="messages">
    <li>{{ message }}</li>
</ul>
```

○
```
<ul v-for="messages">
    <li v-item="message">{{ message }}</li>
</ul>
```

Correct!

◉
```
<ul>
    <li v-for="message in messages">{{ message }}</li>
</ul>
```

Question 11   1 / 1 pts

In general, when using the v-for attribute, you should also use the :key attribute

Correct!

◉ True

○ False

Question 12   1 / 1 pts

What is another way of writing <button v-on:click="cart += 1"/>?

○ <button :click="cart += 1"/>

○ <button click={{cart += 1}}/>

Correct!   ◉ <button @click="cart += 1"/>

○ <button $click="cart += 1"/>

Question 13   1 / 1 pts

In Vue, a child component automatically has access to the data from its parent component

○ True

Correct!   ◉ False

Question 14   1 / 1 pts

Consider the following template code in a Vue single-file component. Suppose that product-list-item is the child component of the component with this element.

```
<product-list-item :product="product" @add-to-cart="addToCart"></product-list-item>
```

What can we say about :product="product"?

○ the child component has an emit event named product, and an object named product is being passed to the event

Correct!

⦿ the child component has a prop named product, and an object named product is being passed to it

○ the child component has a prop named product, and the result of a method named product is being passed to it

○ the child component has an emit event named product, and a method named product is being executed when the event is received

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Question 15   1 / 1 pts

JSON stands for "Java Standard Object Notation"

○ True

Correct!

⦿ False

Question 16   1 / 1 pts

If we have a Vue router path of "/user/:id" and /user/bob is entered into the address bar, how can we access the value "bob" in HTML?

Correct!

⦿ {{ $route.params.id }}

○ {{ /user/id }}

○ {{ $route/user/id }}

○   {{ $route.user.id }}

Question 17   0 / 1 pts

Suppose we have a Vue router path of "/category/:name" with a name of "category". One way of creating a router link is through the path, as in:

```
<router-link to="category/Mystery"></router-link>
```

Which of the following is another way of achieving the same thing?

ou Answered

○

<router-link :to="{path: 'category', params: {category: 'Mystery'}}"></router-link>

○

<router-link to="{path: 'category', params: {name: 'Mystery'}}"></router-link>

○

<router-link to="{name: 'category', params.name: 'Mystery'}"></router-link>

orrect Answer

○

<router-link :to="{name: 'category', params: {name: 'Mystery'}}"></router-link>

Question 18   1 / 1 pts

In our project, suppose we wanted to be able to access all the orders associated with a customer's name through a REST API. Given our naming conventions, which of the following path's should we use?

Correct!

○ api/customers/name/{customer-name}/orders

○ api/customers/{customer-name}/orders

○ api/customer/{customer-name}/orders

○ api/customer/name/{customer-name}/all-orders

Question 19   1 / 1 pts

The fetch method is specific to Vue. Other frameworks such as Angular
and React have their own methods for fetching server resources

○ True

Correct!

⦿ False

Question 20   1 / 1 pts

A RESTful API is a service that runs on the web over HTTP to facilitate
access to web resources

⦿ True

Correct!

○ False

Quiz Score: **19** out of 20