



COMSATS University Islamabad
Abbottabad Campus

Department of Computer Science

MIDTERM EXAMINATION --- SPRING 2023

Amman.k

Class: _____

Date: 13-05-2023

Subject: Web Technologies

Instructor: Muhammad Ali Khan

Total Time Allowed: 1.5 hours

Max Marks: 30

Name: _____

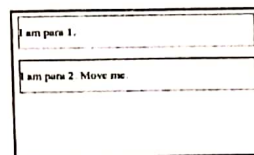
Registration # _____

Q1. Understanding [CLO-1]

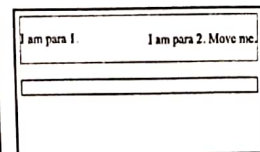
1. Identify the element and use the position property to move para 2 to the location shown in the desired output. **[Marks: 3]**

```
<body>
  <div>
    <p>I am para 1.</p>
  </div>
  <div>
    <p>I am para 2. Move me.</p>
  </div>
</body>
```

Original output



Desired output



2. What is the font size of a paragraph tag in pixels if its font size is 10em? Briefly explain why. Note that the font size of html element is 8px. **[Marks: 2]**

```
<body>
  <div>
    <p>Resize me.</p>
  </div>
</body>
```

3. Briefly describe the process of parsing medicine records in a component. Note that the name of state is medicine and setMedicine is the function to update the state. Moreover, the state holds the data of two medicine objects with price and expiry data. Provide coded example to justify your answer. **[Marks: 5]**

Q2. Applying [CLO-2]

a. Implement routing on

faculty	students
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 menu. Details are as follows:
[Marks: 10]

1. The faculty component is at URL "/faculty" with the content "This page is for faculty."
 2. The student component is at URL "/students" with the content "This page is for students."
 3. The menu is in the bar component.
- b. Display the price and expiry of medicine in the checkout component. This data about medicine is passed to the checkout component from the pharmaceutical component. Destructuring carries one mark. **[Marks: 10]**



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Osman

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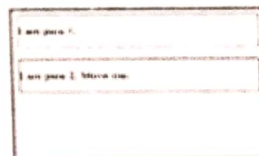
Registration # _____

Q1. Understanding [CLO-1]

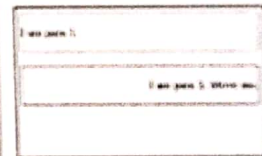
1. Identify the element and use the position property to move para 2 to the location shown in the desired output. [Marks: 3]

```
<body>
  <div>
    <p>I am para 1.</p>
  </div>
  <div>
    <p>I am para 2. Move me.</p>
  </div>
</body>
```

Original output



Desired output



2. What is the font size of a paragraph tag in pixels if its font size is 5rem? Briefly explain why. Note that the font size of the division element is 8px. [Marks: 2]

```
<body>
  <div>
    <p>Resize me.</p>
  </div>
</body>
```

3. Briefly describe the process of deleting a record of medicine with a button click. Note that the name of the state is medicine and setMedicine is the function to update the state. Provide a coded example to justify your answer. [Marks: 5]

Q2. Applying [CLO-2]

a. Implement routing on

doctors	nurses
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 menu. Details are as follows:
[Marks: 10]

1. The menu is in the navigation component.
2. The doctor component is at URL "/comp/doctors" with the content "This page is for doctors."
3. The nurse component is at URL "/comp/nurses" with the content "This page is for nurses."

b. Display the name and type of membership in the data component. This data about membership is passed to the data component from the members component. Destructuring carries one mark. **[Marks: 10]**