

Options :

- ClaimEligibility c1 = ins1.checkEligibility();
6406533774304. ✓ c1.printEligibility();
6406533774305. ✓ ins1.checkEligibility().printEligibility();
6406533774306. ✗ ins1.printEligibility();
6406533774307. ✗ ins1.EligibleForClaim.printEligibility();

Appdev2

Section Id :	64065379125
Section Number :	8
Section type :	Online
Mandatory or Optional :	Mandatory
Number of Questions :	17
Number of Questions to be attempted :	17
Section Marks :	50
Display Number Panel :	Yes
Section Negative Marks :	0
Group All Questions :	No
Enable Mark as Answered Mark for Review and Clear Response :	No
Section Maximum Duration :	0
Section Minimum Duration :	0
Section Time In :	Minutes
Maximum Instruction Time :	0
Sub-Section Number :	1
Sub-Section Id :	640653168525
Question Shuffling Allowed :	No

Question Number : 114 Question Id : 6406531113809 Question Type : MCQ

Correct Marks : 0

Question Label : Multiple Choice Question

THIS IS QUESTION PAPER FOR THE SUBJECT "DIPLOMA LEVEL : MODERN APPLICATION DEVELOPMENT II (COMPUTER BASED EXAM)"

ARE YOU SURE YOU HAVE TO WRITE EXAM FOR THIS SUBJECT?

CROSS CHECK YOUR HALL TICKET TO CONFIRM THE SUBJECTS TO BE WRITTEN.

(IF IT IS NOT THE CORRECT SUBJECT, PLS CHECK THE SECTION AT THE [TOP](#) FOR THE SUBJECTS REGISTERED BY YOU)

Options :

6406533774320. ✓ YES

6406533774321. ✗ NO

Sub-Section Number :

2

Sub-Section Id :

640653168526

Question Shuffling Allowed :

Yes

Question Number : 115 Question Id : 6406531113810 Question Type : MCQ

Correct Marks : 2

Question Label : Multiple Choice Question

Which of the following statements is true regarding "v-if" and "v-show" directives in VueJS?

Options :

6406533774322. ✓ The "v-if" directive adds/removes elements from the DOM, while v-show only toggles visibility using CSS.

6406533774323. ✗ The "v-show" directive adds/removes elements from the DOM, while v-if only toggles visibility using CSS.

6406533774324. ✗ Both the "v-if" and "v-show" directives add/remove elements from the DOM.

6406533774325. ✗ Both the "v-if" and "v-show" directives toggle visibility using CSS.

Question Number : 116 Question Id : 6406531113811 Question Type : MCQ

Correct Marks : 2

Question Label : Multiple Choice Question

Consider the below JavaScript program.

```
let x = 5;
(function () {
  console.log(x);
  let x = 10;
})();
```

What will be the output of the above program?

Options :

6406533774326. ✗ 5

6406533774327. ✗ 10

6406533774328. ✗ undefined

6406533774329. ✓ Reference Error

6406533774330. ✖ null

Question Number : 117 Question Id : 6406531113812 Question Type : MCQ

Correct Marks : 2

Question Label : Multiple Choice Question

What is the output of this code?

```
console.log(myVar);  
console.log(myFunc());  
  
var myVar = "hello";  
function myFunc() {  
    return "world";  
}
```

Options :

6406533774331. ✖ hello, world

6406533774332. ✔ undefined, world

6406533774333. ✖ ReferenceError

6406533774334. ✖ undefined, undefined

Question Number : 118 Question Id : 6406531113813 Question Type : MCQ

Correct Marks : 2

Question Label : Multiple Choice Question

Which of the following statements is **true** about the let, const, and var keywords in JavaScript?

Options :

6406533774335. ✖ var is block-scoped, while let and const are function-scoped.

6406533774336. ✔ const variables must always be initialized at the time of declaration.

6406533774337. ✖ Variables declared with let and const are hoisted and initialized with undefined.

6406533774338. ✖ let, const, and var have identical scoping rules.

Sub-Section Number :

3

Sub-Section Id :

640653168527

Question Shuffling Allowed :

Yes

Question Number : 119 Question Id : 6406531113814 Question Type : MCQ

Correct Marks : 3

Question Label : Multiple Choice Question

Consider the below JavaScript program.

```
function outer() {  
  let count = 0;  
  return function inner() {  
    return ++count;  
  };  
}  
  
const counter1 = outer();  
const counter2 = outer();  
  
console.log(counter1());  
console.log(counter1());  
console.log(counter2());
```

What will be the output of the above program?

Options :

6406533774339. ✖ 1

2

3

6406533774340. ✖ 1

1

1

6406533774341. ✔ 1

2

1

6406533774342. ✖ 0

1

0

6406533774343. ✖ 0

1

1

Question Number : 120 Question Id : 6406531113815 Question Type : MCQ

Correct Marks : 3

Question Label : Multiple Choice Question

Consider the 4 JavaScript code snippets given below.

Code Snippet 1:

```
let x = 10;  
const y;
```

Code Snippet 2:

```
let { a: b } = undefined;
```

Code Snippet 3:

```
const arr = [1, 2];  
arr = [3, 4];
```

Code Snippet 4:

```
const a = 10, b = 20;  
(() => { return a + b; })();
```

Which of the above JavaScript code snippet(s) will throw an error?

Options :

6406533774344. ✖ 1 and 2

6406533774345. ✔ 1, 2 and 3

6406533774346. ✖ 2, 3 and 4

6406533774347. ✖ All 4

Question Number : 121 Question Id : 6406531113816 Question Type : MCQ

Correct Marks : 3

Question Label : Multiple Choice Question

Consider the below VueJS application.

```
<div id="app">
  <p>{{ counter }}</p>
  <button @click="updateCounter">Click Me</button>
</div>

<script>
new Vue({
  el: '#app',
  data: {
    counter: 1,
  },
  methods: {
    updateCounter() {
      this.counter *= 2;
    },
  },
});
</script>
```

What will the "p" tag display when the button with the text "Click Me" is clicked three times?

Options :

6406533774348. ✖ 1

6406533774349. ✖ 4

6406533774350. ✔ 8

6406533774351. ✖ 16

Question Number : 122 Question Id : 6406531113817 Question Type : MCQ

Correct Marks : 3

Question Label : Multiple Choice Question

Consider the following JavaScript code snippet shown below.

```
let length = 5;

function countLen(item){
  console.log(this.length);
}

const data = [countLen, "Apple", length]

data[0]('Script')
```

What will be output on browser's console for the above JavaScript code?

Options :

6406533774352. ✖ 6

6406533774353. ✖ 5

6406533774354. ✖ 4

6406533774355. ✔ 3

Question Number : 123 Question Id : 6406531113818 Question Type : MCQ

Correct Marks : 3

Question Label : Multiple Choice Question

Consider the following JavaScript code snippet shown below.

```
var value = 50;

const mainObj = {
  value: 42,
  getValue: function() {
    return this.value;
  }
};

const nextObj = {
  value: 100
};

const getValue1 = mainObj.getValue.bind()(nextObj);
const getValue2 = mainObj.getValue.bind(nextObj)();

console.log(getValue1);
console.log(getValue2);
```

What will be output on browser's console for the above JavaScript code?

Options :

50

6406533774356. ✖ 100

42

50

6406533774357. ✖

100

100

6406533774358. ✖

6406533774359. ✔

undefined
100

undefined
50

6406533774360. ✖

Question Number : 124 Question Id : 6406531113819 Question Type : MCQ

Correct Marks : 3

Question Label : Multiple Choice Question

Consider the following JavaScript code

```
let Tree = {  
  name: "Oak",  
  size: 5,  
  description: function (size) {  
    return `A ${this.size > 10 ? 'large' : 'medium'} ${this.name} tree.`;  
  }  
}  
  
const willow = {  
  name: 'Willow'  
};  
  
const returnedString = Tree.description.call(willow, 15);  
  
console.log(returnedString)
```

What will be the output of the code?

Options :

6406533774361. ✖ A large Oak tree

6406533774362. ✖ A medium Oak tree

6406533774363. ✖ A large Willow tree

6406533774364. ✔ A medium Willow tree

Question Number : 125 Question Id : 6406531113820 Question Type : MCQ

Correct Marks : 3

Question Label : Multiple Choice Question

Consider the following HTML with relevant Vue CDN link attached.

```
<div id="app">
  <div :class="{ active: isActive, 'text-danger': hasError }">
    {{ message }}
  </div>
</div>

<script>
  new Vue({
    el: '#app',
    data: {
      message: 'Hello!',
      isActive: true,
      hasError: false
    }
  })
</script>
```

Given the Vue.js application above, which classes will be applied to the div containing the message?

Options :

- 6406533774365. ✔ Only 'active'
- 6406533774366. ✖ 'text-danger' and 'active'
- 6406533774367. ✖ No classes
- 6406533774368. ✖ Only 'text-danger'

Sub-Section Number :

4

Sub-Section Id :

640653168528

Question Shuffling Allowed :

Yes

Question Number : 126 Question Id : 6406531113822 Question Type : MCQ

Correct Marks : 4.5

Question Label : Multiple Choice Question

Consider the following Vue2 app and the index file given below.

index.html

```
<body>
  <div id="app">
    <h4>{{ state }}</h4>
  </div>
  <script
    src="https://cdn.jsdelivr.net/npm/vue@2.7.16/dist/vue.js">
  </script>
  <script src="./script.js"></script>
</body>
</html>
```

script.js

```
const app = new Vue({
  el: '#app',
  data: {
    terminal: ['3','2','1'],
    curr_status: ["arrived", "departed", "delayed"]
  },
  computed: {
    state: () => {
      return `The flight 103 has ${this.curr_status[1]} from terminal
${this.terminal[2]}.`
    }
  }
})
```

What will be the output on the browser?

Options :

- 6406533774374. ✖ The flight 103 has departed from terminal 1.
- 6406533774375. ✖ The flight 103 has arrived from terminal 2.
- 6406533774376. ✖ The flight 103 has delayed from terminal 3.
- 6406533774377. ✖ The flight 103 has from terminal.
- 6406533774378. ✔ ReferenceError

Question Number : 127 Question Id : 6406531113823 Question Type : MCQ

Correct Marks : 4.5

Question Label : Multiple Choice Question

Consider the following Vue App and the HTML document given below.

index.html

```
<body>
  <div id="app">
    <my-comp>
      <h3>Exploring Vue JS</h3>
      <template v-slot:ongoing>
        <h3>Learning App Dev 2</h3>
      </template>
    </my-comp>
  </div>
  <script src="./script.js"></script>
</body>
```

script.js

```
const MyComp = {
  name: 'my-comp',
  props: ['tech'],
  template : `<div class="container">
    <slot name="complete"><h3>Learned DBMS</h3></slot>
    <slot name="ongoing"></slot>
    <slot>Exploring Frontend</slot>
  </div>`
}

const app = new Vue({
  el: '#app',
  components: {
    MyComp
  }
})
```

What will be rendered on the browser for code setup given above?

Options :

6406533774379. ✖ Learning App Dev 2
Exploring Vue JS

6406533774380. ✖ Learning App Dev 2
Exploring Frontend

6406533774381. ✖ Learned DBMS
Learning App Dev 2
Exploring Frontend

6406533774382. ✔ Learned DBMS
Learning App Dev 2
Exploring Vue JS

Question Number : 128 Question Id : 6406531113824 Question Type : MCQ

Correct Marks : 4.5

Question Label : Multiple Choice Question

Consider the following HTML with relevant Vue CDN link attached.

```
<div id="app1">
  {{ messageA }}
</div>
<div id="app2">
  {{ messageB }}
</div>

<script>
  const vm1 = new Vue({
    el: '#app1',
    data: {
      messageA: 'Hello from App 1'
    }
  })

  const vm2 = new Vue({
    el: '#app2',
    data: {
      messageB: 'Hello from App 2'
    }
  })

  vm1.messageA = 'Updated App 1';
</script>
```

After the code execution above, what will be displayed on the page?

Options :

6406533774383. ✓ "Updated App 1" and "Hello from App 2"

6406533774384. ✗ "Hello from App 1" and "Hello from App 2"

6406533774385. ✗ "Updated App 1" and blank second div

6406533774386. ✗ Both divs will be blank

Question Number : 129 Question Id : 6406531113825 Question Type : MCQ

Correct Marks : 4.5

Question Label : Multiple Choice Question

Consider the following HTML with relevant Vue CDN attached.

```

<div id="app">
  <input v-model.number="price" type="number">
  <input v-model.number="quantity" type="number">
  <p>Total: {{ total }}</p>
  <p>Last Updated By: {{ lastUpdatedBy }}</p>
</div>

<script>
  new Vue({
    el: '#app',
    data: {
      price: 10,
      quantity: 1,
      total: 10,
      lastUpdatedBy: 'initial'
    },
    watch: {
      price: {
        handler(newVal) {
          this.total = newVal * this.quantity;
          this.lastUpdatedBy = 'price';
        }
      },
      quantity: {
        handler(newVal) {
          this.total = this.price * newVal;
          this.lastUpdatedBy = 'quantity';
        }
      }
    }
  })
</script>

```

If the user changes the price to 20 and then immediately changes the quantity to 2, what will be the final values of total and lastUpdatedBy?

Options :

- 6406533774387. ✖ total: 20, lastUpdatedBy: "price"
- 6406533774388. ✔ total: 40, lastUpdatedBy: "quantity"
- 6406533774389. ✖ total: 20, lastUpdatedBy: "quantity"
- 6406533774390. ✖ total: 40, lastUpdatedBy: "price"

Sub-Section Number :

5

Sub-Section Id :

640653168529

Question Shuffling Allowed :

Yes

Question Number : 130 Question Id : 6406531113821 Question Type : MSQ

Correct Marks : 3 Max. Selectable Options : 0

Question Label : Multiple Select Question

Consider the following JavaScript Code.

```
class Person {  
  constructor(name) {  
    this.name = name;  
  }  
  
  greet() {  
    console.log(`Hello, my name is ${this.name}`);  
  }  
  
  static identify() {  
    console.log("I am a Person class");  
  }  
}  
  
const john = new Person("John");
```

Which of the following expression(s) will cause an error?

Options :

6406533774369. ✖ john.greet();

6406533774370. ✔ Person.greet();

6406533774371. ✔ john.identify();

6406533774372. ✖ Person.identify();

6406533774373. ✖ console.log(john.name);

MLT

Section Id :	64065379126
Section Number :	9
Section type :	Online
Mandatory or Optional :	Mandatory
Number of Questions :	13
Number of Questions to be attempted :	13