MoodleExam

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My courses (5) ⌄   🔍

مقدمة لتصميم المواقع الالكترونية ــ (جميع الشعب ــ 603102)

Dashboard > My courses > 603102_all > General > Part1: Final Exam

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Course management ⚙

2ا   DS&AI اسامه ماهر اسماعيل كامل 202511244

Status	Finished
Started	Wednesday, 28 January 2026, 11:50 AM
Completed	Wednesday, 28 January 2026, 12:07 PM
Duration	17 mins 5 secs
Grade	**29.00** out of 40.00 (**72.5%**)

Question 1

Correct

Mark 1.00 out of 1.00

How can you horizontally center a block-level element using margins?

○ a. margin: auto;

◉ b. margin-left: auto; margin-right: auto; ✓

○ c. Both B and C are correct

○ d. margin: center;

The correct answers are: margin: center;, margin-left: auto; margin-right: auto;, margin: auto;, Both B and C are correct

Response history

Step	Time	Action	State
1	28/01/26, 11:50:28	Started	Not yet answered
2	28/01/26, 11:52:03	Saved: margin-left: auto; margin-right: auto;	Answer saved
3	**28/01/26, 12:07:33**	**Attempt finished**	**Correct**

Question **2**

Correct

Mark 1.00 out of 1.00

Which positioning value removes an element from the normal document flow and positions it relative to the nearest positioned ance

- ○ a.　position: relative
- ● b.　position: absolute ✓
- ○ c.　position: static
- ○ d.　position: fixed

The correct answer is: position: absolute

Response history

Step	Time	Action	State
1	28/01/26, 11:50:28	Started	Not yet answered
2	28/01/26, 11:52:03	Saved: position: absolute	Answer saved
3	**28/01/26, 12:07:33**	**Attempt finished**	**Correct**

Question 3

Incorrect

Mark 0.00 out of 1.00

What is the result of using the `typeof` operator on the value `null`?

- a. "number"
- b. "object"
- c. "undefined"
- d. "null" ⊗

Your answer is incorrect.

The correct answer is: "object"

Response history

Step	Time	Action	State
1	28/01/26, 11:50:28	Started	Not yet answered
2	28/01/26, 11:52:03	Saved: "null"	Answer saved
3	**28/01/26, 12:07:33**	**Attempt finished**	**Incorrect**

Question **4**

Incorrect

Mark 0.00 out of 1.00

Look at the following code:
CSS
```
p::first-letter {
  font-size: 3em;
  color: red;
}
```
What visual effect does this code create?

○ a. It makes the entire paragraph red and large. ⊗

○ b. It highlights the text when the user selects it

○ c. It makes the first line of the paragraph red

○ d. It creates a "drop cap" effect by styling only the first letter.

Your answer is incorrect.

The correct answer is: It creates a "drop cap" effect by styling only the first letter.

Response history

Step	Time	Action	State
1	28/01/26, 11:50:28	Started	Not yet answered
2	28/01/26, 11:52:30	Saved: It makes the entire paragraph red and large.	Answer saved
3	**28/01/26, 12:07:33**	**Attempt finished**	**Incorrect**

Question **5**

Correct

Mark 1.00 out of 1.00

What is the key difference between :first-child and :first-of-type selectors?

- ○ a.　They work exactly the same way
- ○ b.　:first-child is faster than :first-of-type
- ● c.　:first-child selects only if element is the absolute first child, :first-of-type selects first of specific type ignoring other elements
- ○ d.　:first-of-type only works with paragraphs

The correct answer is: :first-child selects only if element is the absolute first child, :first-of-type selects first of specific type ignoring

Response history

Step	Time	Action	Stat
1	28/01/26, 11:50:28	Started	Not answ
2	28/01/26, 11:53:20	Saved: :first-child selects only if element is the absolute first child, :first-of-type selects first of specific type ignoring other elements	Ans
3	**28/01/26, 12:07:33**	**Attempt finished**	Cor

Question 6

Correct

Mark 1.00 out of 1.00

Which transform function is used to rotate an element?

- a. transform: rotate(45deg) ⊘
- b. transform: spin(45deg)
- c. transform: turn(45deg)
- d. transform: angle(45deg)

The correct answer is: transform: rotate(45deg)

Response history

Step	Time	Action	State
1	28/01/26, 11:50:28	Started	Not yet answered
2	28/01/26, 11:53:20	Saved: transform: rotate(45deg)	Answer saved
3	**28/01/26, 12:07:33**	**Attempt finished**	**Correct**

Question 7

Correct

Mark 1.00 out of 1.00

Which button type is used to send form data to the server?

- a. type="post"
- b. type="submit" ⊘
- c. type="button"
- d. type="send"

The correct answer is: type="submit"

Response history

Step	Time	Action	State
1	28/01/26, 11:50:28	Started	Not yet answered
2	28/01/26, 11:54:17	Saved: type="submit"	Answer saved
3	**28/01/26, 12:07:33**	**Attempt finished**	**Correct**

Hide sidebars

Question **8**

Correct

Mark 1.00 out of 1.00

Which HTML5 input type automatically validates email address format?

- a. type="validation"
- b. type="text"
- c. type="mail"
- d. type="email" ⊘

The correct answer is: type="email"

Response history

Step	Time	Action	State
1	28/01/26, 11:50:28	Started	Not yet answered
2	28/01/26, 11:54:17	Saved: type="email"	Answer saved
3	**28/01/26, 12:07:33**	**Attempt finished**	**Correct**

Question **9**

Incorrect

Mark 0.00 out of 1.00

Which input type should you use for multi-line text input like comments or messages?

- a. <input type="message"> ⊗
- b. <input type="multiline">
- c. <textarea>
- d. <input type="text">

The correct answer is: <textarea>

Response history

Step	Time	Action	State
1	28/01/26, 11:50:28	Started	Not yet answered
2	28/01/26, 11:54:17	Saved: <input type="message">	Answer saved
3	**28/01/26, 12:07:33**	**Attempt finished**	**Incorrect**

Question **10**

Correct

Mark 1.00 out of 1.00

Which CSS property must be set for borders to appear on an element?

○ a. border-width

○ b. border-display

⦿ c. border-style ⊘

○ d. border-color

The correct answer is: border-style

Response history

Step	Time	Action	State
1	28/01/26, 11:50:28	Started	Not yet answered
2	28/01/26, 11:55:29	Saved: border-width	Answer saved
3	28/01/26, 11:59:57	Saved: border-style	Answer saved
4	**28/01/26, 12:07:33**	**Attempt finished**	**Correct**

Question **11**

Correct

Mark 1.00 out of 1.00

What is the correct purpose of the <aside> element?

○ a. To create the main content area

○ b. To group navigation links

⦿ c. To contain content that is tangentially related to the main content, like a sidebar ⊘

○ d. To create the page header

The correct answer is: To contain content that is tangentially related to the main content, like a sidebar

Response history

Step	Time	Action	State
1	28/01/26, 11:50:28	Started	Not yet ans
2	28/01/26, 11:55:29	Saved: To contain content that is tangentially related to the main content, like a sidebar	Answer sav
3	**28/01/26, 12:07:33**	**Attempt finished**	**Correct**

Question 12

Incorrect

Mark 0.00 out of 1.00

Which HTML5 elements are used together to create expandable/collapsible content?

○ a. <details> and <summary>

○ b. <dropdown> and <content>

◉ c. <expand> and <collapse> ⊗

○ d. <show> and <hide>

The correct answer is: <details> and <summary>

Response history

Step	Time	Action	State
1	28/01/26, 11:50:28	Started	Not yet answered
2	28/01/26, 11:55:29	Saved: <expand> and <collapse>	Answer saved
3	**28/01/26, 12:07:33**	**Attempt finished**	**Incorrect**

Question 13

Correct

Mark 1.00 out of 1.00

Which loop is best when you know exactly how many times you want to repeat code?

○ a. do-while loop

◉ b. for loop ⊘

○ c. while loop

○ d. if loop

The correct answer is: for loop

Response history

Step	Time	Action	State
1	28/01/26, 11:50:28	Started	Not yet answered
2	28/01/26, 11:56:06	Saved: for loop	Answer saved
3	**28/01/26, 12:07:33**	**Attempt finished**	**Correct**

Question 14

Correct

Mark 1.00 out of 1.00

Which HTML5 element is used to contain self-contained content like blog posts or news articles?

- ○ a.   <section>
- ◉ b.   <article> ✓
- ○ c.   <main>
- ○ d.   <content>

The correct answer is: <article>

Response history

Step	Time	Action	State
1	28/01/26, 11:50:28	Started	Not yet answered
2	28/01/26, 11:56:06	Saved: <article>	Answer saved
3	**28/01/26, 12:07:33**	**Attempt finished**	**Correct**

Question 15

Correct

Mark 1.00 out of 1.00

Which input type opens a color picker for users to select colors?

- ○ a.   type="palette"
- ○ b.   type="colorpicker"
- ◉ c.   type="color" ✓
- ○ d.   type="rgb"

The correct answer is: type="color"

Response history

Step	Time	Action	State
1	28/01/26, 11:50:28	Started	Not yet answered
2	28/01/26, 11:56:06	Saved: type="color"	Answer saved
3	**28/01/26, 12:07:33**	**Attempt finished**	**Correct**

Question **16**

Correct

Mark 1.00 out of 1.00

What is the range of values for the opacity property?

○ a.   0% to 100%

○ b.   0 to 100

○ c.   1 to 10

◉ d.   0 to 1 ⊘

The correct answer is: 0 to 1

Response history

Step	Time	Action	State
1	28/01/26, 11:50:28	Started	Not yet answered
2	28/01/26, 11:57:05	Saved: 0 to 1	Answer saved
3	**28/01/26, 12:07:33**	**Attempt finished**	**Correct**

Question **17**

Incorrect

Mark 0.00 out of 1.00

What operator is used to check if a number is even or odd?

○ a.   * (multiplication)

○ b.   == (equality)

○ c.   % (modulus)

◉ d.   / (division) ⊗

The correct answer is: % (modulus)

Response history

Step	Time	Action	State
1	28/01/26, 11:50:28	Started	Not yet answered
2	28/01/26, 11:57:05	Saved: / (division)	Answer saved
3	**28/01/26, 12:07:33**	**Attempt finished**	**Incorrect**

Question **18**

Correct

Mark 1.00 out of 1.00

In animation shorthand notation, if you specify two time values, what do they represent?

- ○ a. Duration first, then delay ⊘
- ○ b. Start time and end time
- ○ c. Both represent duration
- ○ d. Delay first, then duration

The correct answer is: Duration first, then delay

Response history

Step	Time	Action	State
1	28/01/26, 11:50:28	Started	Not yet answered
2	28/01/26, 11:57:05	Saved: Duration first, then delay	Answer saved
3	**28/01/26, 12:07:33**	**Attempt finished**	**Correct**

Question **19**

Correct

Mark 1.00 out of 1.00

What are the two main attributes of the HTML form tag?

- ○ a. method and name
- ○ b. action and method ⊘
- ○ c. action and submit
- ○ d. action and type

The correct answer is: action and method

Response history

Step	Time	Action	State
1	28/01/26, 11:50:28	Started	Not yet answered
2	28/01/26, 11:58:05	Saved: action and method	Answer saved
3	**28/01/26, 12:07:33**	**Attempt finished**	**Correct**

Question **20**

Correct

Mark 1.00 out of 1.00

What does the animation direction value "alternate" do?

○ a. Runs the animation forward only

◉ b. Alternates between forward and backward with each cycle ⊘

○ c. Runs the animation backwards only

○ d. Randomly changes direction

The correct answer is: Alternates between forward and backward with each cycle

Response history

Step	Time	Action	State
1	28/01/26, 11:50:28	Started	Not yet answered
2	28/01/26, 11:58:05	Saved: Alternates between forward and backward with each cycle	Answer saved
3	**28/01/26, 12:07:33**	**Attempt finished**	**Correct**

Question **21**

Correct

Mark 1.00 out of 1.00

Which code snippet correctly changes the color of a button when the mouse moves over it?

○ a. `button:hover { color: red; }` ✓

○ b. `button::hover { color: red; }`

○ c. `button::mouse-over { color: red; }`

○ d. `button:active { color: red;`

Your answer is correct.

The correct answer is: `button:hover { color: red; }`

Response history

Step	Time	Action	State
1	28/01/26, 11:50:28	Started	Not yet answered
2	28/01/26, 11:58:05	Saved: button:hover { color: red; }	Answer saved
3	**28/01/26, 12:07:33**	**Attempt finished**	**Correct**

Question **22**

Correct

Mark 1.00 out of 1.00

Which input type displays a slider control for selecting a numeric value within a range?

- ○ a.   type="slider"
- ○ b.   type="scroll"
- ○ c.   type="number"
- ◉ d.   type="range" ✓

The correct answer is: type="range"

Response history

Step	Time	Action	State
1	28/01/26, 11:50:28	Started	Not yet answered
2	28/01/26, 11:59:41	Saved: type="range"	Answer saved
3	**28/01/26, 12:07:33**	**Attempt finished**	**Correct**

Question **23**

Incorrect

Mark 0.00 out of 1.00

How many errors are in the following code:

let counter = 5;

while (counter > 0)

{

document.write(counter + " ");

 COUNTER--;

 }

- ○ a.   0 errors ⊗
- ○ b.   3 errors
- ○ c.   1 error
- ○ d.   2 errors

The correct answer is: 1 error

Response history

Step	Time	Action	State
1	28/01/26, 11:50:28	Started	Not yet answered
2	28/01/26, 11:59:41	Saved: 0 errors	Answer saved
3	**28/01/26, 12:07:33**	**Attempt finished**	**Incorrect**

Question **24**

Correct

Mark 1.00 out of 1.00

A student writes `border-width: 5px;` and `border-color: red;`, but the border does not appear. What is missing?

- ○ a. The `border-style` property ✓
- ○ b. The `padding` property
- ○ c. The `margin` property
- ○ d. The `border-background` property

Your answer is correct.

The correct answer is: The `border-style` property

Response history

Step	Time	Action	State
1	28/01/26, 11:50:28	Started	Not yet answered
2	28/01/26, 11:59:41	Saved: The border-style property	Answer saved
3	**28/01/26, 12:07:33**	**Attempt finished**	**Correct**

Question **25**

Correct

Mark 1.00 out of 1.00

Which operator is used for string concatenation in JavaScript?

- ○ a.　,
- ○ b.　.
- ○ c.　&
- ● d.　+ ⊘

The correct answer is: +

Response history

Step	Time	Action	State
1	28/01/26, 11:50:28	Started	Not yet answered
2	28/01/26, 12:01:53	Saved: +	Answer saved
3	**28/01/26, 12:07:33**	**Attempt finished**	**Correct**

Question 26

Incorrect

Mark 0.00 out of 1.00

What is the output of the following code:

```
let x=10;
if((x+=2)>10){
   document.write("true");
}
else {
   document.write("false");
}
document.write(x);
```

- a. false10
- b. 12
- c. true12
- d. false12 ⊗

The correct answer is: true12

Response history

Step	Time	Action	State
1	28/01/26, 11:50:28	Started	Not yet answered
2	28/01/26, 12:01:53	Saved: false12	Answer saved
3	**28/01/26, 12:07:33**	**Attempt finished**	**Incorrect**

Question 27

Correct

Mark 1.00 out of 1.00

What HTML elements are used to group related form controls and provide a caption?

- ○ a. <section> and <header>
- ◉ b. <fieldset> and <legend> ✓
- ○ c. <group> and <title>
- ○ d. <div> and <label>

The correct answer is: <fieldset> and <legend>

Response history

Step	Time	Action	State
1	28/01/26, 11:50:28	Started	Not yet answered
2	28/01/26, 12:01:53	Saved: <fieldset> and <legend>	Answer saved
3	**28/01/26, 12:07:33**	**Attempt finished**	**Correct**

Question 28

Incorrect

Mark 0.00 out of 1.00

What does the autocomplete attribute do when set to "on"?

- ◉ a. It validates the input automatically ⊗
- ○ b. It allows browsers to suggest previously entered values
- ○ c. It submits the form automatically
- ○ d. It automatically fills the form with random data

The correct answer is: It allows browsers to suggest previously entered values

Response history

Step	Time	Action	State
1	28/01/26, 11:50:28	Started	Not yet answered
2	28/01/26, 12:02:32	Saved: It validates the input automatically	Answer saved
3	**28/01/26, 12:07:33**	**Attempt finished**	**Incorrect**

Question 29

Correct

Mark 1.00 out of 1.00

Which HTML5 input type automatically validates email addresses?

○ a.   type="emailaddress"

○ b.   type="text"

○ c.   type="mail"

⦿ d.   type="email" ⊘

The correct answer is: type="email"

Response history

Step	Time	Action	State
1	28/01/26, 11:50:28	Started	Not yet answered
2	28/01/26, 12:02:32	Saved: type="email"	Answer saved
3	**28/01/26, 12:07:33**	**Attempt finished**	**Correct**

Question 30

Correct

Mark 1.00 out of 1.00

What happens when an element has "position: fixed" applied to it?

○ a.   It is positioned relative to its parent element

○ b.   It moves relative to its normal position

○ c.   It follows the normal document flow

⦿ d.   It stays in the same place when the page is scrolled ⊘

The correct answer is: It stays in the same place when the page is scrolled

Response history

Step	Time	Action	State
1	28/01/26, 11:50:28	Started	Not yet answered
2	28/01/26, 12:02:32	Saved: It stays in the same place when the page is scrolled	Answer saved
3	**28/01/26, 12:07:33**	**Attempt finished**	**Correct**

Question **31**

Incorrect

Mark 0.00 out of 1.00

How many errors are in the following code:

let y==10;

for (let x=0, x<3; x++){

document.write(x+y)

}

- ○ a. 1 error
- ○ b. 0 errors
- ○ c. 3 errors
- ◉ d. 2 errors ⊗

The correct answer is: 3 errors

Response history

Step	Time	Action	State
1	28/01/26, 11:50:28	Started	Not yet answered
2	28/01/26, 12:03:35	Saved: 2 errors	Answer saved
3	**28/01/26, 12:07:33**	**Attempt finished**	**Incorrect**

Question 32

Correct

Mark 1.00 out of 1.00

What CSS rule is used to define the intermediate states in a CSS animation?

- ○ a.   @keyframes ⊘
- ○ b.   @frames
- ○ c.   @states
- ○ d.   @animation

The correct answer is: @keyframes

Response history

Step	Time	Action	State
1	28/01/26, 11:50:28	Started	Not yet answered
2	28/01/26, 12:03:35	Saved: @keyframes	Answer saved
3	**28/01/26, 12:07:33**	**Attempt finished**	**Correct**

Question 33

Correct

Mark 1.00 out of 1.00

Which keyword should you use to declare a variable whose value will NOT change?

- ○ a.   let
- ○ b.   static
- ○ c.   var
- ○ d.   const ⊘

The correct answer is: const

Response history

Step	Time	Action	State
1	28/01/26, 11:50:28	Started	Not yet answered
2	28/01/26, 12:03:35	Saved: const	Answer saved
3	**28/01/26, 12:07:33**	**Attempt finished**	**Correct**

Question 34

Incorrect

Mark 0.00 out of 1.00

What are the three attributes used to control numeric input in the number input type?

- a.   start, end, increment ⊗
- b.   min, max, value
- c.   low, high, step
- d.   min, max, step

The correct answer is: min, max, step

Response history

Step	Time	Action	State
1	28/01/26, 11:50:28	Started	Not yet answered
2	28/01/26, 12:07:19	Saved: start, end, increment	Answer saved
3	**28/01/26, 12:07:33**	**Attempt finished**	**Incorrect**

Question 35

Correct

Mark 1.00 out of 1.00

Which animation property determines how many times an animation runs?

- a.   animation-times
- b.   animation-iteration-count ⊘
- c.   animation-count
- d.   animation-repeat

The correct answer is: animation-iteration-count

Response history

Step	Time	Action	State
1	28/01/26, 11:50:28	Started	Not yet answered
2	28/01/26, 12:05:26	Saved: animation-iteration-count	Answer saved
3	**28/01/26, 12:07:33**	**Attempt finished**	**Correct**

Question **36**

Correct

Mark 1.00 out of 1.00

What is the output of the following code:

```
let x=2;
document.write('Number is:'+x+2);
```

○ a. 4

○ b. 22

◉ c. Number is 22 ⊘

○ d. Number is 4

The correct answer is: Number is 22

Response history

Step	Time	Action	State
1	28/01/26, 11:50:28	Started	Not yet answered
2	28/01/26, 12:05:26	Saved: Number is 22	Answer saved
3	**28/01/26, 12:07:33**	**Attempt finished**	**Correct**

Question **37**

Incorrect

Mark 0.00 out of 1.00

How many errors are in the following JavaScript code:

let grade = 75;

if grade >= 90

{

document.write("A");

 } else if (grade >= 80)

{

document.write("B");

} else {

document.write("C")

 }

- ○ a.   1 error ⊗
- ○ b.   4 errors
- ○ c.   3 errors
- ○ d.   2 errors

The correct answer is: 2 errors

Response history

Step	Time	Action	State
1	28/01/26, 11:50:28	Started	Not yet answered
2	28/01/26, 12:06:47	Saved: 1 error	Answer saved
3	**28/01/26, 12:07:33**	**Attempt finished**	**Incorrect**

Question **38**

Correct

Mark 1.00 out of 1.00

Which code block correctly creates a green border only on the top of an element?

  ○ **a.** `margin-top: 5px solid green;`

  ○ **b.** `border: 5px green;`

  ⦿ **c.** `border-top: 5px solid green;` ✓

  ○ **d.** `padding-top: green;`

Your answer is correct.

The correct answer is: `border-top: 5px solid green;`

Response history

Step	Time	Action	State
1	28/01/26, 11:50:28	Started	Not yet answered
2	28/01/26, 12:06:47	Saved: border-top: 5px solid green;	Answer saved
3	**28/01/26, 12:07:33**	**Attempt finished**	**Correct**

Question 39

Correct

Mark 1.00 out of 1.00

What is the purpose of the datalist element in HTML5 forms?

○ a.   To provide dropdown list, input suggestions and autocomplete options ⊘

○ b.   To store form data

○ c.   To validate user input

○ d.   To create a dropdown list like select

The correct answer is: To provide dropdown list, input suggestions and autocomplete options

Response history

Step	Time	Action	State
1	28/01/26, 11:50:28	Started	Not yet answe
2	28/01/26, 12:06:47	Saved: To provide dropdown list, input suggestions and autocomplete options	Answer saved
3	**28/01/26, 12:07:33**	**Attempt finished**	**Correct**

Question 40

Correct

Mark 1.00 out of 1.00

What is the main difference between radio buttons and checkboxes in forms?

○ a.   Radio buttons allow single selection within a group, checkboxes allow multiple selections ⊘

○ b.   There is no difference between them

○ c.   Radio buttons allow multiple selections, checkboxes allow single selection

○ d.   Radio buttons are only for numbers, checkboxes are for text

The correct answer is: Radio buttons allow single selection within a group, checkboxes allow multiple selections

Response history

Step	Time	Action	State
1	28/01/26, 11:50:28	Started	Not yet a
2	28/01/26, 12:07:06	Saved: Radio buttons allow single selection within a group, checkboxes allow multiple selections	Answer s
3	**28/01/26, 12:07:33**	**Attempt finished**	**Correct**

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