نظم معلومات شبكية
10:00-11:00
18/11/2023
د/ سها عبد المؤمن

Faculty of Computers & Information, Assiut University
Course code: IS413
4th Level
Midterm Exam
Duration: One hour
This exam for the following program(s) :   (Add the program's name(s))

1

* الإسم الرباعي (بالعربي فقط)

2

رقم الجلوس *

3

المستوي *

○ الاول

○ الثاني

○ الثالث

○ الرابع 2013

○ الرابع 2014

○ الرابع 2015

○ الرابع 2016

○ الرابع 2017

○ الرابع 2018

○ الرابع 2019

◉ الرابع 2020

4

البرنامج *

◉ عام

○ بايو

○ هندسة

○ ذكاء صناعي

5

رقم المعمل *

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رقم المعمل *

1/16/24, 7:42 PM   نظم معلومات شبكية   10:00-11:00 18/11/2023 د/ سها عبد المؤمن

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6

رقم الكمبيوتر *

25

7

الكود (قد تمت مراجعة بيانات الطالب ورقم الجلوس *)

DENC

✐ ستتم المراجعة

8

Which of the following is NOT a data type in JavaScript?

○ a) String

○ b) Boolean

◉ c) <mark>Character</mark>

○ d) Object

https://forms.office.com/Pages/ResponseDetailPage.aspx?id=KERFeb5NGkCyq2SlpwaeKxdaPmmh2tNGgsDbc-DTJGZUNkcyOU9TQ05KMU9…   4/16

☑ ستتم المراجعة

9

Which JavaScript object is commonly used to make AJAX requests?

◉ XMLHttpRequest

○ JSONRequest

○ AJAXRequest

○ AsyncRequest

☑ ستتم المراجعة

10

What will be displayed in the HTML element with the ID "output" after the AJAX request is complete?

```
= new XMLHttpRequest();
"GET", "https://jsonplaceholder.typicode.com/posts/2", true);
dystatechange = function () {
adyState === 4 && xhr.status === 200) {
t.getElementById("output").innerHTML = xhr.responseText;


);
```

○ a) "2"

◉ b) The post content from the specified URL

○ c) An error message

d) Nothing will be displayed ◯

✏️ ستتم المراجعة

11

Which of the following is NOT a valid way to declare a variable in JavaScript?

int.   :

var: .

var x = 10; ◯

let y = 20; ◯

const z = 30; ◯

int w = 40; ◉

✏️ ستتم المراجعة

12

What will be displayed in the HTML element with the ID "output" if an error occurs during the AJAX request?

```
= new XMLHttpRequest();
'GET", "https://example.com/data", true);
r = function () { document.getElementById("output").innerHTML =
urred";

;
```

a) "Error occurred" ◯

b) The data from the specified URL ◯

c) "undefined" ◯

d) The page will crash with an error ◉

☑ ستتم المراجعة

13

?What is the output of the following code snippet

```
ents = document.querySelectorAll(".class");

og(elements.length);
```

"a) Prints the number of elements with class "class ◉

b) undefined ◯

c) Error: Cannot read property 'length' of undefined ◯

d) Error: Cannot read property 'querySelectorAll' of null ◯

☑ ستتم المراجعة

14

Which method of the XMLHttpRequest object is used to set the request headers?

()a) setHeaders ◯

()b) addHeaders ◯

()c) setRequestHeader ◯

()d) addRequestHeader ◉

✎ ستتم المراجعة

15

Which of the following lines of code contains an error when manipulating the JavaScript Document Object Model (DOM)?

○ !document.getElementById("myElement").innerHTML = "Hello, world";

○ document.querySelector("#myElement").style.color = "red";

○ document.getElementsByClassName("myClass").appendChild(newElement);

◉ document.getElementsByTagName("p")[0].textContent = "New text content";

✎ ستتم المراجعة

16

Which method of the XMLHttpRequest object is used to retrieve the server response as JSON?

○ responseText (a)

○ responseXML (b)

○ getJSON (c)

◉ JSON.parse (d)

✎ ستتم المراجعة

17

What is the output of the following code snippet?

```
ment = document.createElement("p");

t.textContent = "Hello, World!";

.log(element.innerHTML);
```

"a) "Null ◯

"!c) "Hello, World ⦿

b) undefined ◯

d) Error: Cannot read property 'innerHTML' of undefined ◯

✉ ستتم المراجعة

18

What is the output of the following code snippet?

```
(document.getElementsByTagName("div").length);
```

a) Prints the number of `<div>` elements in the document ⦿

b) undefined ◯

c) Error: Cannot read property 'length' of undefined ◯

d) Error: Cannot read property 'getElementsByTagName' of null ◯

✉ ستتم المراجعة

?What is the output of the following code snippet

ole.log(1 + 2 + "3" + 4 + 5);

a) 12345 ◯

b) 15 ⬤

c) 3345 ◯

d) 10 ◯

☑ ستتم المراجعة

20

?Which method of the XMLHttpRequest object is used to set the request URL

()a) open ⬤

()b) send ◯

()c) setURL ◯

()d) setRequestURL ◯

☑ ستتم المراجعة

21

?Which loop is used to iterate over the properties of an object in JavaScript

a) for loop ◉

b) while loop ◯

c) do-while loop ◯

d) for...in loop ◯

✍ ستتم المراجعة

22

Which operator is used to concatenate two strings in JavaScript?

a) + ◉

b) & ◯

c) * ◯

d) / ◯

✍ ستتم المراجعة

23

Which function is used to display a message in a popup dialog box in JavaScript?

a) alert() ◉

b) prompt() ◯

c) confirm() ◯

d) log() ◯

☑ ستتم المراجعة

24

What will be displayed in the HTML element with the ID "output" after the AJAX request is complete, assuming no errors occur?

```
ir = new XMLHttpRequest();
n("GET", "https://example.com/data", true);
:adystatechange = function () {
ent.getElementById("output").innerHTML = xhr.status;

d();
```

⦿ a) "200"

◯ b) "4"

◯ c) "undefined"

◯ d) The data from the specified URL

☑ ستتم المراجعة

25

Which method of the XMLHttpRequest object is used to send an HTTP request?

⦿ a) send()

◯ b) open()

◯ c) request()

d) load () ○

✍ ستتم المراجعة

26

Which operator is used for strict equality comparison in JavaScript?

a) == ○

b) != ○

c) === ◉

d) !== ○

✍ ستتم المراجعة

27

Which method of the XMLHttpRequest object is used to retrieve the server response?

a) getResponse () ○

b) retrieveResponse () ○

c) getServerResponse () ○

d) responseText () ◉

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28

What is the output of the following AJAX code snippet?

```
= new XMLHttpRequest();

n("GET", "data.txt", true);

d();

eadystatechange = function() {

readyState === 4 && xhr.status === 200) {

ple.log(xhr.responseText);|
```

a) Prints the content of the "data.txt" file ◯

b) Prints the XMLHttpRequest object ◯

c) Prints "undefined" ⬤

d) Prints the status code of the AJAX request ◯

☒ ستتم المراجعة

29

AJAX allows for which of the following?

a) Synchronous communication with the server ◯

b) Asynchronous communication with the server ◯

c) Server-side rendering of web pages ◉

d) Displaying XML data only ◯

✉ ستتم المراجعة

30

Which method of the XMLHttpRequest object is used to check the status of the request?

a) checkStatus () ◯

b) getStatus () ◯

c) getStatusCode () ◯

d) status () ◉

✉ ستتم المراجعة

31

What does AJAX stand for?

a) Asynchronous JavaScript and XML ◉

b) Advanced JavaScript and XML ◯

c) Asynchronous JSON and XML ◯

d) All JavaScript and XML ◯

✉ ستتم المراجعة

32

What will be displayed in the HTML element with the ID "output" after the AJAX request is complete?

```
= new XMLHttpRequest();
GET", "https://jsonplaceholder.typicode.com/posts/1", true);
ystatechange = function () {
onse = JSON.parse(xhr.responseText);
.getElementById("output").innerHTML = response.title;
```

a) "1" ◯

b) The post title from the specified URL ⬤

c) An error message ◯

d) Nothing will be displayed ◯

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