

نظم المعلومات الشبكية

10:12

8/9/2021

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Faculty of Computers & Information, Assiut University
4th Level
Final Exam
Duration: 2 hours

1

* الإسم الرباعي (بالعربي فقط)

مينا ايوب مورييس اسحاق

2

* رقم الجلوس

162016220

3

* المستوى

- ☐ الاول
- ☐ الثاني
- ☐ الثالث
- ☐ الرابع 2013
- ☐ الرابع 2014
- ☐ الرابع 2015
- ☒ الرابع 2016
- ☐ الرابع 2017

4

* البرنامج

- ☒ عام
- ☐ بايو
- ☐ هندسة

5

* رقم المعمل

ج ٣

✓

6

* رقم الكمبيوتر

19

7

* الكود (قد تمت مراجعة بيانات الطالب ورقم الجلوس)

kh87

8

Assume we have this link

https://docs.google.com/presentation/d/1Rim3-IXt6yN7yny_SBv7B5NMBiYbaQEiRMUD5s66uN8

This link is called ...

(2 Points)

- ☒ URL
- ☐ Website
- ☐ API Endpoint

9

In JavaScript, $!(3 <= 3) == false$

(1 Point)

☒ True

☐ False

10

In JavaScript, `211== '211'`
(1 Point)

☒ True

☐ False

11

The keyword *bind* is not commonly used in JavaScript.
(1 Point)

☒ True

☐ False

12

The output of the next JavaScript codes is

```
let s=0;  
for(let i=0; i<5; i++)  
    S = s + i;  
  
console.log(S);  
(2 Points)
```

☒ error

☐ 10

☐ 15

☐ 4

13

JavaScript is currently the only language that can be used in browsers.

(1 Point)

☒ True

☐ False

14

We must use *defer*.

(1 Point)

☐ True

☒ False

15

In JavaScript, the class definition contains private member functions.

(1 Point)

☒ True

☐ False

16

In JavaScript, the JSON can be imported to the memory with small preprocessing steps.

(2 Points)

- ☒ True
- ☐ False

17

In JavaScript, $1/0 - 1/0$ gives .

(1 Point)

- ☐ error
- ☐ NaN
- ☒ Infinity

18

The output of the next JavaScript codes is

```
let groceries = ['milk', 'cocoa puffs'];
```

```
groceries[3] = 'kix';
```

```
console.log(groceries.length);
```

(1 Point)

- ☐ 2
- ☐ 3
- ☒ 4

☐ error

19

It is recommended that the current websites use GraphQL and Falcor frameworks as alternatives to REST.

(1 Point)

☐ True

☒ False

20

The next code has no problem.

(2 Points)

```
function openPresent() {  
    const image = document.querySelector('img');  
    image.src = 'https://media.giphy.com/media/27ppQU0xe7KlG/g  
}  
  
const image = document.querySelector('img');  
image.addEventListener('click', openPresent);
```

☒ True

☐ False

21

The main advantage in web technology is that

(2 Points)

☒ data can be easily sent between the sender and the receiver.

- ☐ the server can declare its news or status for everyone.
- ☐ Sending E-mail.
- ☐ information is easily shared in Social websites.

22

In JavaScript, `1/0` gives error.

(1 Point)

- ☐ True
- ☒ False

23

Assume we have this link

https://docs.google.com/presentation/d/1Rim3-IXt6yN7yny_SBv7B5NMBiYbaQEiRMUD5s66uN8

The **1Rim3-IXt6yN7yny_SBv7B5NMBiYbaQEiRMUD5s66uN8** is called ...

(1 Point)

- ☐ file
- ☒ ID
- ☐ directory

24

```
function f() {  
  
  const x = 2;  
  
  x+=5;  
  
  console.log(x);  
  
}
```

f()

(2 Points)

- ☐ 2
- ☐ 7
- ☒ error
- ☐ no output

25

In JavaScript, the callback function is a function that can be taken as the argument or input for other function.

(1 Point)

- ☒ True
- ☐ False

26

The fetch() API can retrieve only JSON files.

(2 Points)

☒ True

☐ False

27

Many websites expose REST APIs to outside developers.
(1 Point)

☒ True

☐ False

28

The output of the next JavaScript codes is

```
let x = null;  
let y;  
console.log(x); console.log(y);  
(1 Point)
```

☐ undefined undefined

☐ null null

☐ undefined null

☒ null undefined

29

Node.JS is a JavaScript framework that runs in browsers.
(1 Point)

☐ True

☐

☒ False

30

It is recommended that website contains many micro tasks.

(1 Point)

☒ True

☐ False

31

In JavaScript, `211=== '211'`

(1 Point)

☐ True

☒ False

32

It is not recommended to query UI for state.

(2 Points)

☒ True

☐ False

33

JavaScript is a high-level language.

(1 Point)

☒ True

☐ False

34

From the browser, we can run a normal C++ program in the server side.

(1 Point)

☒ True

☐ False

35

The function onResponse, the JavaScript goes the next sentence directly.

(1 Point)

☒ True

☐ False

36

The next code has no problem.

(2 Points)

```
class Button {  
  constructor(containerElement, text) {  
    this.containerElement = containerElement;  
    this.text = text;  
  
    const button = document.createElement('button');  
    button.textContent = text;  
    button.addEventListener('click', this.onClick);  
    this.containerElement.append(button);  
  }  
  
  onClick() {  
    console.log('clicked: ' + this.text);  
  }  
}
```

☒ True

☐ False

37

We can do all JQuery functions with native JavaScript codes.
(1 Point)

☒ True

☐ False

38

Assume we have this link

https://docs.google.com/presentation/d/1Rim3-IXt6yN7yny_SBv7B5NMBiYbaQEiRMUD5s66uN8

the **presentation** is called

(1 Point)

- ☐ folder
- ☐ directory
- ☒ a file with type presentation

39

Assume we have this link

https://docs.google.com/presentation/d/1Rim3-IXt6yN7yny_SBv7B5NMBiYbaQEiRMUD5s66uN8

The **d** is called ...

(1 Point)

- ☐ folder
- ☐ directory
- ☒ file type

40

```
console.log(Math.floor(1.7));
```

(1 Point)

- ☐ 2
- ☐ 0.7
- ☒ 1
- ☐ 0

41

The output of the next JavaScript codes is

```
let person = {firstName:"Fatema",      lastName:"Sayed", age:32};
```

```
type=typeof(person);
```

```
console.log(type);
```

(1 Point)

- ☐ JSON
- ☒ object
- ☐ maps
- ☐ list

42

In JavaScript, we can create a new costume event.

(1 Point)

☒ True

☐ False

43

ES6 is an extended version of JavaScript.

(1 Point)

☒ True

☐ False

44

By default, browsers run JavaScript codes after the DOM object is loaded.

(1 Point)

☐ True

☒ False

45

The function curing is a good way to validate the data.

(1 Point)

☐ True



☐ False

46

The next code does not add the img to DOM object.

(2 Points)

```
function createImage(src) {  
  const image = document.createElement('img');  
  image.src = src;  
  return image;  
}
```

☐ True

☒ False

47

We should learn more about data structures to increase the speed of the web site performance.

(1 Point)

☒ True

☐ False

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