

FIT2095 e-Business software technologies - S2 2021

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Question 1

Correct

Mark 1.00 out of 1.00

Assume you have this fragment of code

```
app.get('/item/:id', function (req, res) {  
  // print out the item id  
})
```

and the client sends this request:

```
http://localhost:8080/item/123
```

Which statement prints the value of the **id** to the console?

Select one:

- ☐ a. console.log(req.params.Itemid)
- ☐ b. console.log(res.params.itemid)
- ☐ c. console.log(req.url.id)
- ☐ d. console.log(req.itemid)
- ☒ e. console.log(req.params.id)



Your answer is correct.

The correct answer is: console.log(req.params.id)

Question 2

Correct

Mark 1.00 out of 1.00

In order to use Express.js in an application, module 'http' should be imported first.

Select one:

- ☐ a. True, but module 'url' should also be imported.
- ☐ b. False, module 'url' should be imported first.
- ☐ c. True
- ☒ d. False



Your answer is correct.

The correct answer is: False

Question 3

Correct

Mark 1.00 out of 1.00

Assume you have this fragment of code:

```
app.get('/items/:itemid', function (req, res) {  
  //do something  
})
```

The data type of req.params is:

Select one:

- ☐ a. undefined
- ☐ b. number
- ☐ c. string
- ☒ d. object
- ☐ e. array



Your answer is correct.

The correct answer is: object

Question 4

Correct

Mark 1.00 out of 1.00

Will the following piece of code compile? If not which line(s) cause(s) the error?

```
1 let http = require('http');  
2 http.createServer(function (req, res) {  
3   res.writeHead(200);  
4   res.end('Hello World\n');  
5 });  
6 http.listen(8080);
```

Select one:

- ☐ a. no, 1
- ☐ b. no, 2
- ☐ c. no, 3 & 4
- ☐ d. no, 4 & 6
- ☒ e. no, 6
- ☐ f. no, 3 & 6
- ☐ g. yes



Your answer is correct.

The correct answer is: no, 6

Question 5

Correct

Mark 1.00 out of 1.00

Assume you have this fragment of code:

```
app.get(/monash/, function(req, res){  
    res.send('We foud a match')  
})
```

This route will match:

Select one:

- ☐ a. any path that does not have monash in it
- ☐ b. path /monash only
- ☐ c. any path that ends with monash
- ☐ d. any path that starts with monash
- ☒ e. any path with monash in it



Your answer is correct.

The correct answer is: any path with monash in it

Question 6

Correct

Mark 1.00 out of 1.00

In order to accept requests with a path that starts with **BI**, ends with **DX**, and zero or more characters in between, we have to use:

Select one:

- ☐ a.

```
app.get('/', function(req, res){  
    //Your loginc  
})
```
- ☐ h.

```
app.get('/BIXDX', function(req, res){
```

- ☐ b. `app.get('/BI*DX', function(req, res){
//Your loginc
})`
- ☒ c. `app.get('/BI*DX', function(req, res){
//Your loginc
})` ✓
- ☐ d. `app.get('/BI?DX', function(req, res){
//Your loginc
})`
- ☐ e. `app.get('/BI+DX', function(req, res){
//Your loginc
})`
- ☐ f. `app.get('/BIDX/', function(req, res){
//Your loginc
})`

Your answer is correct.

The correct answer is:

```
app.get('/BI*DX', function(req, res){
//Your loginc
})
```

Question 7

Correct

Mark 1.00 out of 1.00

Assume you have this fragment of code:

```
app.get('/item(w2)?warehouse', function(req, res){
  res.send('We got a match');
})
```

This route path will match:

Select one:

- ☒ a. /itemwarehouse and /itemw2warehouse ✓
- ☐ b. /itemwarehouse only
- ☐ c. /itemw2
- ☐ d. /w2warehouse
- ☐ e. any path with /item as prefix and warehouse as suffix
- ☐ f. /itemw2warehouse only

Your answer is correct.

The correct answer is: /itemwarehouse and /itemw2warehouse

Question 8

Correct

Mark 1.00 out of 1.00

Given the following incoming request, which statement returns the value of the pair "count=15"?

```
http://localhost:8080/?name=TV&count=15&cost=1520
```

Assume 'req' is the incoming request object.

Select one:

- ☐ a. req.param.count
- ☐ b. req.params.count
- ☐ c. req.values.count
- ☒ d. req.query.count
- ☐ e. req.params["query"]



Your answer is correct.

The correct answer is: req.query.count

Question 9

Correct

Mark 1.00 out of 1.00

When does the callback method in the following piece of code (second parameter of app.get() method) get invoked?

```
1 app.get('/list', function (req, res) {  
2   res.send(generateList());  
3 }
```

Select one or more:

- ☒ a. when a request with pathname "/list" arrives to the server
- ☐ b. when a request with pathname "/list/items" arrives to the server
- ☐ c. when a request with pathname "/get/list" arrives to the server
- ☒ d. when a request with pathname "/list" and query string "name=TV&count=20" arrives to the server
- ☐ e. If you think none of the above



Your answer is correct.

The correct answers are: when a request with pathname "/list" arrives to the server
, when a request with pathname "/list" and query string "name=TV&count=20" arrives to the server

Question 10

Correct

Mark 1.00 out of 1.00

Express.js

- is not scalable
- is the only way to handle I/O requests in Node.js

True or False??

Select one:

- ☒ a. False, False



- ☐ b. False,True
- ☐ c. True,True
- ☐ d. True, False

Your answer is correct.

The correct answer is: False, False

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