



## FIT2095 e-Business software technologies - S2 2021

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## Question 1

Correct

Mark 1.00 out of 1.00

Which HTTP protocol is most suitable for updating documents in backend server?

Select one:

- ☒ a. PUT
- ☐ b. POST
- ☐ c. GET
- ☐ d. DELETE



Your answer is correct.

The correct answer is: PUT

## Question 2

Correct

Mark 1.00 out of 1.00

Which status code you should use if no document is found?

Select one:

- ☐ a. 500
- ☐ b. 400
- ☐ c. 200
- ☒ d. 404
- ☐ e. 405



Your answer is correct.

The correct answer is: 404

**Question 3**

Correct

Mark 1.00 out of 1.00

If collection A references collection B, what should you use to retrieve documents from A and their corresponding documents in B?

Select one:

- ☒ a. Model.find() and populate() functions
- ☐ b. Model.exec() only
- ☐ c. Model.populate() only
- ☐ d. Model.find() and .exec() functions
- ☐ e. Model.find() only
- ☐ f. Model.find() and .limit() functions



Your answer is correct.

The correct answer is: Model.find() and populate() functions

**Question 4**

Correct

Mark 1.00 out of 1.00

If 'res' is the response object of an incoming request, which of the following is the right function to respond in JSON format?

Select one:

- ☒ a. res.json()
- ☐ b. res.sendJSON()
- ☐ c. res.send()
- ☐ d. toJSON(res)
- ☐ e. res.toJSON()



Your answer is correct.

The correct answer is: res.json()

**Question 5**

Incorrect

Mark 0.00 out of 1.00

consider the following code:

```
getOne: function (req, res) {  
  Movie.findOne({ _id: req.params.id })  
    .populate('actors')  
    .exec(function (err, movie) {  
      if (err) return res.status(400).json(err);  
      if (!movie) return res.status(404).json({});  
    });  
}
```

```
it (movie) return res.status(404).json();  
res.json(movie);  
});  
}
```

Which of the following is true?

Select one:

- ☒ a. 'actors' is an empty array that will be filled by populate function
- ☐ b. 'actors' is a collection name
- ☐ c. 'actors' is an array of actors' details
- ☐ d. 'actors' a field represents an ID (reference) or an array of IDs



Your answer is incorrect.

The correct answer is: 'actors' a field represents an ID (reference) or an array of IDs

#### Question 6

Correct

Mark 1.00 out of 1.00

With respect to Model.create() function, which of the following is true?

Select one:

- ☐ a. .create creates new database for the Model
- ☐ b. .create creates a new schema for the Model's collection
- ☒ c. .create creates a new document in the Model's collection
- ☐ d. .create creates a new Model for the provided schema



Your answer is correct.

The correct answer is: .create creates a new document in the Model's collection

#### Question 7

Correct

Mark 1.00 out of 1.00

With respect to RESTful API, which of the following is false?

Select one:

- ☒ a. RESTful API depends on the type of platform
- ☐ b. REST is based on standard HTTP operations
- ☐ c. RESTful ensures the separation between the client and the server
- ☐ d. Resources in RESTful API are assigned individual URIs



Your answer is correct.

The correct answer is: RESTful API depends on the type of platform

## Question 8

Correct

Mark 1.00 out of 1.00

**RESTful is a stateless architecture.**

With respect to the above statement, which of the following is true?

Select one:

- ☐ a. it relies on session state stored at the server side.
- ☐ b. In stateless RESTful apps, multiple requests have no effects
- ☒ c. no information is retained by either sender or receiver. It is dependent only on the input parameters that are supplied. ✓
- ☐ d. Stateless RESTful apps can only serve HTML clients

Your answer is correct.

The correct answer is: no information is retained by either sender or receiver. It is dependent only on the input parameters that are supplied.

## Question 9

Correct

Mark 1.00 out of 1.00

Assume you have the following fragment of code:

```
1 updateOne: function (req, res) {  
2   Actor.findOneAndUpdate({ _id: req.params.id }, req.body, function (err, data) {  
3     if (err) return res.status(400).json(err);  
4     if (!data) return res.status(404).json();  
5     res.json(data);  
6   });  
7 }
```

@line 2, what is **Actor**?

Select one:

- ☐ a. document
- ☐ b. schema
- ☒ c. model ✓
- ☐ d. collection
- ☐ e. reference to Mongoose module

Your answer is correct.

The correct answer is: model

## Question 10

Correct

Mark 1.00 out of 1.00

With respect to the following line of code, what is the data type of **param1** and **param2**?

```
module.exports = mongoose.model(param1,param2);
```

Select one:

- ☐ a. String, mongoose.Model
- ☐ b. mongoose.Model,String
- ☒ c. String, mongoose.Schema
- ☐ d. Array of documents, String
- ☐ e. Collection, String



Your answer is correct.

The correct answer is: String, mongoose.Schema

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