FIT2095 e-Business software technologies - S2 2021

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Time taken	1 min 38 secs
Grade	**10.00** out of 10.00 (**100**%)

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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. DELETE
- b. POST
- c. PUT ✔
- d. GET

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. 405
- b. 200
- c. 500
- d. 404 ✔
- e. 400

Your answer is correct.

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.populate() only
- b. Model.find() and .limit() functions
- c. Model.find() and .exec() functions
- d. Model.find() only
- e. Model.exec() only
- f. Model.find() and populate() 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.toJSON()
- b. res.sendJSON()
- c. res.json() ✔
- d. res.send()
- e. toJSON(res)

Your answer is correct.

The correct answer is: res.json()

Question 5

Correct

Mark 1.00 out of 1.00

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

Your answer is correct.

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

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.   REST is based on standard HTTP operations
- b. RESTFul ensures the separation between the client and the server
- ○ c. RESTFul API dependents of the type of platform   ✔
- d. Resources in RESTFul API are assigned individual URIs

Your answer is correct.

The correct answer is: RESTFul API dependents of the type of platform

RESTFul is a stateless architecture.

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

Select one:

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

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.

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. schema
- b. reference to Mongoose module
- c. document
- d. collection
- e. model ✔

Your answer is correct.

The correct answer is: model

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.   Array of documents, String
- b.   Collection, String
- c.   String, mongoose.Model
- d.   mongoose.Model,String
- e.   String, mongoose.Schema   ✔

Your answer is correct.

The correct answer is: String, mongoose.Schema

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