

[My courses](#) > [S1-24\\_MERGEDCPAD](#) > [General](#) > [Quiz 1](#)**Status** Finished**Started** Thursday, 10 October 2024, 9:40 AM**Completed** Thursday, 10 October 2024, 9:52 AM**Duration** 11 mins 34 secs**Marks** 16.00/20.00**Grade** 4.00 out of 5.00 (80%)**Question 1**

Correct

Mark 1.00 out of 1.00

What is true with respect to Native apps? (a) Can be used offline - faster to open and access anytime. (b) Allow direct access to device hardware that is either more difficult or impossible with web apps. (c) Allow the user to use device-specific hand gestures or gets the approval of the app store they are intended for. (d) User can be assured of improved safety and security of the app.

- ☐ a. c and a
- ☒ b. a b c and d ✓
- ☐ c. b c and d
- ☐ d. a and b



The correct answer is: a b c and d

**Question 2**

Correct

Mark 1.00 out of 1.00

Which one is correct with respect to MVC? (a) Model logic acts as a business layer. (b) View logic acts as a display layer. (c) Controller logic acts as input control.

- ☒ a. (a, b & c) ✓
- ☐ b. (a)
- ☐ c. (c)
- ☐ d. (b)

The correct answer is: (a, b & c)

## Question 3

Correct

Mark 1.00 out of 1.00

A document is a set of:

- ☒ a. Key-value pairs ✓
- ☐ b. Application pairs
- ☐ c. Activity pair set
- ☐ d. None of the mentioned



The correct answer is: Key-value pairs

## Question 4

Correct

Mark 1.00 out of 1.00

Which of the following is true with respect to server-side rendering? (a) Rendering apps with more static content (b) Initial loads are slow (c) Full request-response cycle for each action

- ☐ a. c
- ☒ b. (a & c) ✓
- ☐ c. a
- ☐ d. b

The correct answer is: (a &amp; c)

## Question 5

Correct

Mark 1.00 out of 1.00

What is true with respect to Microservices? (a) Service startup is fast. (b) Microservices are loosely coupled architecture. (c) Changes done in a single data model do not affect other Microservices. (d) Microservices focus on products, not projects.

- ☐ a. a, b, and c
- ☒ b. a, b, c, and d ✓
- ☐ c. a, c, and d
- ☐ d. a, b, and d

The correct answer is: a, b, c, and d

## Question 6

Correct

Mark 1.00 out of 1.00

Ionic Framework will support: (a) Angular (b) React

- ☐ a. Non of these
- ☐ b. b
- ☒ c. a & b ✓
- ☐ d. a

The correct answer is: a &amp; b

## Question 7

Correct

Mark 1.00 out of 1.00

Which of the following systems use RDMS? a. Oracle b. Microsoft SQL Server c. MongoDB d. IBM

- ☐ a. (a and c are correct)
- ☐ b. (a and d are correct)
- ☒ c. (a, b, and d) ✓
- ☐ d. (a, b, c, and d)

The correct answer is: (a, b, and d)

## Question 8

Incorrect

Mark 0.00 out of 1.00

In microservices:(a) Microservices always don't rely on each other. Therefore, no need to communicate with each other. (b) As a distributed system, it is a heavily involved model. (c) If you are using Microservice architecture, you need to be ready for operations overhead. (d) You need skilled professionals to support heterogeneously distributed microservices.

- ☒ a. (b, c, and d) ✗
- ☐ b. (a, b, and c)
- ☐ c. (a, b, c, and d)
- ☐ d. (a, c, and d)

The correct answer is: (a, b, and c)

## Question 9

Incorrect

Mark 0.00 out of 1.00

In Microservices, (a) Microservices require a heavy investment. (b) It requires less or no infrastructure setup also. (c) We need excessive planning for managing operations overhead. (d) It costs a lot in staff selection and maintenance.

- ☐ a. (a, b, and c)
- ☐ b. (b, c, and d)
- ☒ c. (a, c, and d) ✗
- ☐ d. (a, b, c, and d)

The correct answer is: (b, c, and d)

## Question 10

Correct

Mark 1.00 out of 1.00

What is a relation in RDBMS?

- ☐ a. ROW
- ☐ b. DATA TYPE
- ☒ c. TABLE ✓
- ☐ d. KEY

The correct answer is: TABLE

## Question 11

Correct

Mark 1.00 out of 1.00

Which of the following is true with respect to Client-side rendering? (a) More dynamism is involved (b) More dynamism is involved (c) After the initial load, the response comes in fast or is computed locally

- ☒ a. a, b, and c ✓
- ☐ b. a & b
- ☐ c. a
- ☐ d. c

The correct answer is: a, b, and c

## Question 12

Incorrect

Mark 0.00 out of 1.00

True with respect to gRPC?(a) REST APIs use HTTP 1.1 (b) gRPC is 7 to 10 Times faster Message Transmission (c) gRPC APIs use HTTP 2 and also HTTP 1.1 (d) gRPC APIs use HTTP 2 protocol and use binary format encapsulation

- ☐ a. (a, b, c, and d)
- ☒ b. (a, b, and d) ✗
- ☐ c. (a, b, and c)
- ☐ d. (b, c, and d)

The correct answer is: (b, c, and d)

## Question 13

Correct

Mark 1.00 out of 1.00

What is true with respect to Monolithic architecture? (a) Service startup takes time. (b) It is a loosely coupled architecture. (c) Any changes in the data model affect the entire database. (d) Monolithic puts emphasis on the whole project.

- ☐ a. (a, b, c, and d)
- ☐ b. (a, b, and c)
- ☒ c. (a, c, and d) ✓
- ☐ d. (a, b, and d)

The correct answer is: (a, c, and d)

## Question 14

Incorrect

Mark 0.00 out of 1.00

What is true with respect to Hybrid Apps? (a) Much slower than native apps. (b) With hybrid app development, dependent on a third-party platform to deploy the app's wrapper. (c) Customization support is limited.

- ☒ a. (a, b, and c) ✗
- ☐ b. (a)
- ☐ c. (b and c)
- ☐ d. (a and c)

The correct answer is: (b and c)

## Question 15

Correct

Mark 1.00 out of 1.00

A browser without a user interface is called:

- ☐ a. Does not exist
- ☐ b. No browser
- ☒ c. Headless browser ✓
- ☐ d. No UI browser

The correct answer is: Headless browser

## Question 16

Correct

Mark 1.00 out of 1.00

Server-side scripting is: (a) programming that is executed on the server. (b) programming that is executed on the server and browser. (c) The browser will simply display the results.

- ☐ a. (a)
- ☒ b. (a & c) ✓
- ☐ c. (c)
- ☐ d. (a & b)

The correct answer is: (a &amp; c)

## Question 17

Correct

Mark 1.00 out of 1.00

Amongst which of the following is/are true about MongoDB? a. High-performance database b. Document-oriented database c. MongoDB is a cross-platform database d. All of the mentioned above

- ☐ a. b
- ☐ b. c
- ☒ c. All of the mentioned above ✓
- ☐ d. a

The correct answer is: All of the mentioned above

## Question 18

Correct

Mark 1.00 out of 1.00

Hybrid app (a) will not have full device access without a plugin. (b) Code reusable.

- ☒ a. Both (a) and (b) are correct ✓
- ☐ b. None of these
- ☐ c. Only (a) correct
- ☐ d. Only (b) correct

The correct answer is: Both (a) and (b) are correct

## Question 19

Correct

Mark 1.00 out of  
1.00

What searching is supported in MongoDB? a. Field b. All of the mentioned c. Range queries d. Regular expression searches

- ☒ a. b ✓  
☐ b. a  
☐ c. d  
☐ d. c

The correct answer is: b

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- ☐ c. Application  
☐ d. None of the mentioned above

The correct answer is: Document

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