# Real Test -1- (1–15)

1. Which of the following gives an overview of the architecture used for developing an application?

A. High-level design architecture

B. Microservices architecture

C. Service-oriented architecture

D. Monolithic architecture

2. Which of the following is an exercise where domain experts write on Stickies and arrange the notes in sequence?

A. Event storming

B. Event handling

C. Event using

D. Spring

3. Which of the following is the way in which microservices communicate with each other?

A. Synchronous communication

B. Asynchronous communication

C. Synchronous and asynchronous communication

D. Verbal communication

4. Which of the following is the principle of the 12-factor?

A. Codebase

B. Dependency

C. Configuration

D. All of the above

5. Which of the following tools are used in the release stage of the 12-factor?

A. Packer and Ansible

B. Spring and Maven

C. Maven and Miro

D. Miro and Spring

6. Which of the following classes controls the flow of transactions in microservices?

A. Controller class

B. Component class

C. Override class

D. Autowired class

7. Which of the following annotations maps GET requests to a particular handle method?

A. @component

B. @GetMapping

C. @scope

D. @RestController

8. Which of the following annotations is used to extract query parameters?

A. @RequestBody

B. @GetMapping

C. @PostMapping

D. @RequestParam

9. Which of the following is a distributed system that runs on multiple processes or services?

A. Microservices architecture

B. Monolithic architecture

C. Service-oriented architecture

D. Backend

10. Which of the following solutions is used for asynchronous communication?

A. Kafka

B. RabbitMQ

C. Amazon services

D. All of the above

11. When microservices do not make explicit external calls to communicate, which of the following is used?

A. AOC

B. Rest template

C. Application properties

D. Synchronous communication

12. Which of the following clients is used to perform HTTP requests in RestTemplate?

A. Synchronous

B. Asynchronous

C. Verbal

D. Non-blocking

13. Which of the following is the advantage of a Feign client?

A. URLs are not hardcoded

B. Calls cannot be customised

C. Code should be written

D. URLs are hardcoded

14. Which of the following is true about application.properties for communication?

A. To read the URL, you need to configure the application.properties file.

B. You cannot avoid hardcoding addresses using application.properties.

C. Without the use of the application.properties, URLs do not need to be hardcoded.

D. Configure the URLs in the YAML file to overcome hard coding in application.properties.

15. Which of the following methods is used to return plain JSON from which we need to create the object of RestTemplate?

A. getForEntity

B. getForObject

C. exchange

D. POJO