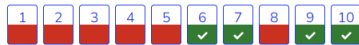




QUIZ TEST SPRING FRAMEWORK

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Started on

Wednesday, 30 August 2023, 8:02 PM

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Wednesday, 30 August 2023, 8:06 PM

Time taken

4 mins 16 secs

Grade

4.00 out of 10.00 (40%)

QUESTION 1

Incorrect

Mark 0.00 out of 1.00

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Considering 2 classes `AccountServiceImpl` and `ClientServiceImpl`. Any of these 2 classes inherits from each other. What is the result of the pointcut expressions?

```
execution(* *..AccountServiceImpl.update(..) && execution(* *..ClientServiceImpl.update(..))
```

Select one:

- ☒ a. Matches any update methods of the 2 classes , with one more arguments and whatever method visibility
- ☐ b. No joint point is defined
- ☐ c. Matches any update methods of the 2 classes , whatever the arguments and method visibility
- ☐ d. Matches pubic update methods of the 2 classes, whatever the arguments

The correct answer is: No joint point is defined

QUESTION 2

Incorrect

Mark 0.00 out of 1.00

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Select method's signatures that match with the following pointcut: `execution(* com.test.service.*.* (*))`

Select one:

- ☐ a. None of the above
- ☐ b. `void com.test.service.MyServiceImpl#transfert(Account account, Money amount)`
- ☐ c. `void com.test.service.MyServiceImpl#transfert(Money amount)`
- ☒ d. `void com.test.service.account.MyServiceImpl#transfert(Account account, Money amount)`

The correct answer is: `void com.test.service.MyServiceImpl#transfert(Money amount)`

QUESTION 3

Incorrect

Mark 0.00 out of 1.00

[Flag question](#)

Using the Spring AOP framework, what are the joinpoint methods of the following pointcut expressions? `execution(public * *(..))`

Select one:

- ☒ a. The execution of all public method in class belonging to the default java package
- ☐ b. The execution of all public method returning a value
- ☐ c. The execution of all public method

QUESTION 4

Incorrect

Mark 0.00 out of 1.00

🚩 Flag question

- ☐ c. The execution of all public method
- ☐ d. The execution of all public method having at least one parameter

The correct answer is: The execution of all public method

Using the Spring AOP framework, what is the visibility of the method matches by the following join point?

```
@Pointcut("execution(* *(..))")  
private void anyOperation() {};
```

Select one:

- ☐ a. All methods, whereas there visibility
- ☐ b. Public methods
- ☐ c. Protected and public methods
- ☒ d. All methods, except private method

✗

The correct answer is: Public methods



QUESTION 5

Incorrect

Mark 0.00 out of 1.00

🚩 Flag question

What are the unique correct answers about Spring AOP support?

Select one:

- ☒ a. Static initialization code could be targeted by a point cut
- ☐ b. Combination of pointcuts by &&, || and the ! operators is not supported
- ☐ c. A point cut could select methods that have a custom annotation
- ☐ d. An advice could proxied a constructor class

✗

The correct answer is: A point cut could select methods that have a custom annotation



QUESTION 6

Correct

Mark 1.00 out of 1.00

🚩 Flag question

What is a pointcut?

Select one:

- ☐ a. Code to execute at a join point
- ☐ b. None of the above
- ☐ c. An advice and a jointpoint
- ☒ d. An expression to identify joinpoints

✓

The correct answer is: An expression to identify joinpoints



QUESTION 7

Correct

Mark 1.00 out of 1.00

🚩 Flag question

What is an advice? Select a unique answer.

Select one:

- ☐ a. An aspect and a pointcut
- ☒ b. An action taken by an aspect at a particular join point
- ☐ c. A point during the execution of a program
- ☐ d. A predicate that matches join points

✓

The correct answer is: An action taken by an aspect at a particular join point



QUESTION 8

Incorrect

Mark 0.00 out of 1.00

🚩 Flag question

What is an after returning advice? Select a unique answer.

Select one:

- ☐ a. Advice to be executed before method invocation
- ☐ b. Advice to be executed regardless of the means by which a join point exits
- ☐ c. Advice to be executed after a join point completes without throwing an exception
- ☒ d. Advice that surrounds a method invocation and can perform custom behavior before and after the method invocation

✗

The correct answer is: Advice to be executed after a join point completes without throwing an exception



QUESTION 9

Correct

What is an after throwing advice? Select a unique answer.

Correct

Mark 1.00 out of 1.00

Flag question

Select one:

- ☐ a. Advice that could throw an exception
- ☐ b. Advice that executes before a join point
- ☐ c. Spring does not provide this type of advice
- ☒ d. Advice to be executed if a method exits by throwing an exception



The correct answer is: Advice to be executed if a method exits by throwing an exception



QUESTION 10

Correct

Mark 1.00 out of 1.00

Flag question

Which one is the correct statement about AOP proxy?

Select one:

- ☐ a. Only classes that implements a least one interface could be proxied
- ☒ b. AOP proxies are created by Spring in order to implement the aspect contracts
- ☐ c. All methods could be proxied
- ☐ d. AOP proxies are always created with a JDK dynamic proxy



The correct answer is: AOP proxies are created by Spring in order to implement the aspect contracts

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