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# **Q&A**

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**Exam** : **9A0-310**

**Title** : Adobe Flex 2 Developer  
Exam

**Version** : DEMO

1. Which statement best describes the Model-View-Controller design pattern?

- A. It does NOT promote code reuse
- B. Alternative user interfaces are difficult to add
- C. It combines the code responding to user input with the code rendering the interface
- D. It promotes maintainability by providing separation of concerns within code

**Answer: D**

2. Which development task would most likely be part of building loosely coupled MXML components?

- A. invoking the dispatchEvent() method
- B. assigning a reference to the owner property
- C. extending the flash.events.Dispatcher class
- D. implementing the IFlexDisplayObject interface

**Answer: A**

3. Which software design pattern reduces method call volume by encapsulating multiple data attributes in a single object?

- A. Factory
- B. Singleton
- C. Assembler
- D. Transfer Object
- E. Data Access Object

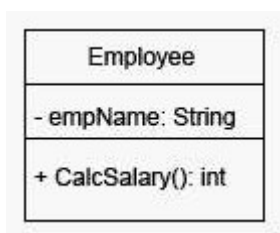
**Answer: D**

4. Which statement about the dispatchEvent() method is true?

- A. It automatically dispatches an event object.
- B. It can only be used with the Application class.
- C. It can be used for both custom and other events.
- D. It returns the type property value of the event object.

**Answer: C**

5. Click the Exhibit button. Which ActionScript class definition represents the UML class diagram?



A. class Employee {  
private var empName:String;  
public function CalcSalary():int {  
...  
}

B. class Employee {  
public var empName:String;  
private function CalcSalary():int {  
...  
}

C. class Employee {  
private var empName:String;  
protected function CalcSalary():int {  
...  
}

D. class Employee {  
public var empName:String;  
protected function CalcSalary():int {  
...  
}

**Answer: A**

6. Which statement best defines event bubbling?

A. Event bubbling is NOT supported in ActionScript 3.0

B. The event flows from the top of the display list hierarchy to the node just before the target node

- C. The event flows from the node subsequent to the target node back up the display list heirarchy
- D. The event flows from the top of the display list heirarchy to the target node

**Answer: C**

7. Given the following code snippet:

```
----- com\\adobe\\people\\Person.as -----
package com.adobe.people
{
    public class Person
    {
        private var _firstName:String;
        private var _lastName:String;
        public function Person(fn:String, ln:String)
        {
            _firstName = fn;
            _lastName = ln;
        }
        public function get firstName():String
        {
            return _firstName;
        }
        public function get _firstName():String
        {
            return _firstName.toUpperCase();
        }
        public function toString():String
        {
            return _firstName + " " + _lastName;
        }
    }
}
-----
var p:Person = new Person("Fred", "Friendly");
trace(p.firstName);
```

Which value would be traced to the console?

- A. FRED
- B. Fred
- C. Fred Friendly
- D. An error or strict-mode warning would occur

**Answer: B**

8. Which design pattern is followed by an ActionScript class that uses the [RemoteClass] metatag?

- A. Singleton
- B. Assembler

- C. Data Access Object
- D. Data Transfer Object

**Answer: D**

9. Which Flex 2 language feature provides the best support for loose coupling between MXML components?

- A. class inheritance
- B. singleton classes
- C. event dispatching
- D. remote object services

**Answer: C**

10. A Flex application contains a custom event object eventObj:

```
var eventObj:Event = new Event(myCustomEvent);
```

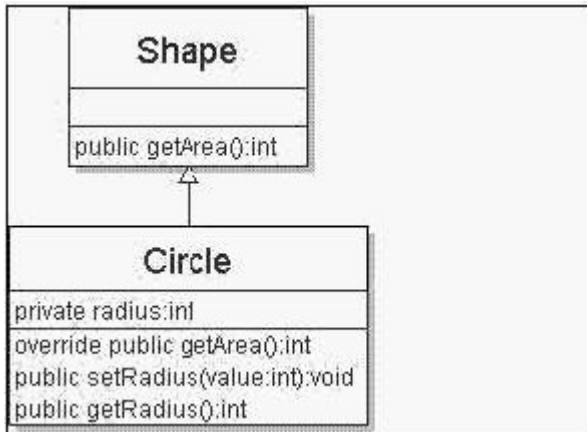
Which line of code correctly triggers this event?

- A. eventObj.dispatch();
- B. dispatchEvent(eventObj);
- C. eventObj.dispatchEvent();
- D. dispatchEvent(eventObj);

**Answer: B**

11. Click the Exhibit button.

What is the relationship between the two classes in the UML diagram?



- A. Shape extends Circle
- B. Circle extends Shape
- C. Shape implements Circle
- D. Circle implements Shape

**Answer: B**

12. You want to send custom data with an event object that has been generated by the framework. What should you do?

- A. Add custom properties to the target property.
- B. Subclass the Event class and add properties to it.
- C. Subclass the DisplayObject class and add properties to it.
- D. Add custom properties to the Flash.events.Event class.

**Answer: B**

13. Which is contained in a .jar file?

- A. XML data files in an archived format
- B. the Java Virtual Machine used in a J2EE server
- C. a set of pre-compiled Java classes in an archived format
- D. all configuration and application files in a J2EE web application in an archived format

**Answer: C**

14. Which attribute prevents a class method from being visible within a sub-class?

- A. public
- B. internal
- C. private
- D. protected

**Answer: C**

15. You have used a `WebService` object to call a public method of a SOAP-based web service. The remote web service is written in Java. The signature of the Java method being called is:

```
public List getData()
```

You have declared an `ActionScript` method named `resultHandler()` with this signature:

```
private function resultHandler(event:ResultEvent):void
```

When the `resultHandler()` method is called from the `HTTPService` object `result` event, you want to save the returned data to a previously declared `ArrayCollection` named `myCollection`.

Which is the correct syntax?

- A. `myCollection = event.result;`
- B. `myCollection = event.result as ArrayCollection;`
- C. `myCollection = new ArrayCollection(event.result as Array);`
- D. `myCollection = event.getData.lastResult as ArrayCollection;`

**Answer: B**

16. Which `Data Management Service` method will reset an item to its previous state?

- A. `undo()`
- B. `rollback()`
- C. `noCommit()`
- D. `revertChanges()`

**Answer: D**

17. You have used an `HTTPService` object to retrieve this HTML file:

```
<?xml version=1.0?> <employees>
<employee><name>Joe</name><job>President</job>
</employee>
```



```
<employee><name>Mary</name><job>CEO</job>
</employee></employees>
```

The resultFormat property of the HTTPService object is set to object, and the id property is set to myService. You want to use a DataGrid control to display the list of employees.

Which is the correct syntax for a binding expression to pass the employee objects to the dataProvider property of the DataGrid?

- A. dataProvider={myService.lastResult}
- B. dataProvider={myService.lastResult.employees}
- C. dataProvider={myService.result.employees.employee}
- D. dataProvider={myService.lastResult.employees.employee}

**Answer: D**

18. Which object is the returned XML data placed into after a Web service operation executes?

- A. result
- B. collection
- C. firstResult
- D. lastResult

**Answer: D**

19. Which property of the HTTPService class references the data returned from a request?

- A. result
- B. lastResult
- C. destination
- D. resultFormat

**Answer: B**

20. Which protocol supports the use of server-pushed messaging with the Flex Message Service and the Data Management Service?

- A. AMF
- B. HTTP

C. SOAP

D. RTMP

**Answer: D**