

MODULE 3: QUIZ QUESTIONS

1. What is the output of the following code?

```
class emp {  
    private var empno=20  
    def incr(empno : Int)  
    {  
        empno += 1  
        println(empno)  
    }  
}
```

- a) 20
- b) 21
- c) Error
- d) None of these

2. What is the output of the following code?

```
class incr {  
    private var age =10  
    def incr() {  
        age = age++  
        println(age)  
    }  
}
```

- a) 10
- b) 11
- c) Error
- d) None of these

3. What will be printed by the following sequence of expressions?

```
var x = 3
val y = 5
val foo = (z: Int) => {
  val y = 11
  x + y + z
}
x = 10
println(foo(y))
```

- a) 18
- b) 26
- c) 20
- d) None of these

4. Traits in Scala are exactly same as interfaces in Java.

- a) True
- b) False

5. What is the output of the following code?

```
object f {
  var y = 5
  def apply (x: Int) = x + y
}
```

f(10) and f.apply(10) ?

- a) 15,15
- b) 10,15
- c) 15,10
- d) 10,10

6. Auxiliary constructors are defined by creating methods named "this"

- a) True
- b) False

7. How to create an instance of a nested case class?

```
case class Outer(someVal : Int)
object Outer {
  case class Inner(otherVal : Int)
}
```

- a) val res = Outer(5)
val in = Outer.Inner(6)
- b) val res Inner(6)
- c) val res=outer.Inner()
- d) None of these

Solution

1. (c) Error
2. (c) Error
3. (b) 26
4. (b) FALSE
5. (a) 15,15
6. (a) True
7. (a) `val res = Outer(5)`

`val in = Outer.Inner(6)`