

Enthuware Mobile Test Studio

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Standard Tests - Last Day Test (Unique) : 2019-10-24 19:49Q 68 of 86 ☐ Mark I/O Fundamentals - Serialization [enthuware.ocpjp.v8.2.1700](#)

Consider the following classes:

```
class Boo {
    public Boo(){ System.out.println("In Boo"); }
}
class BooBoo extends Boo {
    public BooBoo(){ System.out.println("In BooBoo"); }
}

class Moo extends BooBoo implements Serializable {
    int moo = 10; { System.out.println("moo set to 10"); }
    public Moo(){ System.out.println("In Moo"); }
}
```

First, the following code was executed and the file moo1.ser was created successfully:

```
Moo moo = new Moo();
moo.moo = 20;
FileOutputStream fos = new FileOutputStream("c:\\temp\\moo1.ser");
ObjectOutputStream os = new ObjectOutputStream(fos);
os.writeObject(moo);
os.close();
```

Next, the following code was executed.

```
FileInputStream fis = new FileInputStream("c:\\temp\\moo1.ser");
ObjectInputStream is = new ObjectInputStream(fis);
Moo moo = (Moo) is.readObject();
is.close();
System.out.println(moo.moo);
```

Which of the following will be a part of the output of the second piece of code?

Answered Incorrectly You had to select 3 option(s)☐ In Boo☐ In BooBoo☒ In Moo☒ 10☐ 20☒ moo set to 10

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During deserialization, the constructor of the class (or any static or instance blocks) is not executed. However, if the super class does not implement Serializable, its constructor is called. So here, BooBoo and Boo are not Serializable so their constructor is invoked.

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