

CSE11 – Spring 2013
Quiz #4

Name: _____

Student ID: _____

1) Given the regular expression **[A-Za-z]+[\.\!]?**, which of the following strings completely match the expression (no partial matches). Consider the string inside of the “ ” marks

- a. “This is the last Quiz!”
- b. “UCSD Tritons”
- c. “I am glad CSE11 is nearly finished.”
- d. “This is a sentence.”
- e. “The Quick Brown Fox Jumped over the Lazy Dog.”

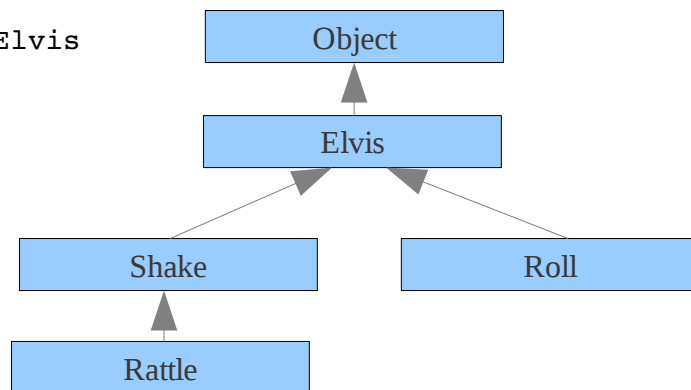
ans: b,d,e

a. does not match because of the “!”

c. does not match because of the “11”

2) Given the following class definitions, draw the complete class hierarchy

```
public class Elvis
{
    protected String name = "The King";
}
public class Shake extends Elvis
{
}
public class Rattle extends Shake
{
}
public class Roll extends Elvis
{
}
```



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3) What does the following code print out?

```
public class Mystery
{
    public static void main (String args [])
    {
        String blackops = "The simplest explanation is correct";
        String [] A = blackops.split(" ");
        for (int j=0; j < A.length; j++)
        {
            System.out.format("%s%s",
                               A[j].substring(0,1).toLowerCase(),
                               A[j].substring(1).toUpperCase());
        }
    }
}
```

ans: tHE*sIMPLEST*eXPLANATION*iS*cORRECT*