CSC110/CIS163 QUIZ #2: Ch 1-4
10 Pts

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1. You have created a file called HelloWorld.java. Edit the following code so that your program compiles successfully.

```
import java.awt.*;
import java.applet.Applet;

public class HelloWorld extends Applet {
  public void paint (Graphics g) {
    g.drawString ("Hi Java Students", 50, 50);
  }
}
```

2. When compiled successfully, Java programs are converted into:

    A. machine language
    B. Java Virtual Machine
    C. byte-code
    D. HTML

3. Write a statement that draws a circle at the location of your choice.

    g. drawOval (10,10, 50,50);

4. Evaluate the following code segment. Based on this code, what is the last shape drawn and what color is it?

```
public class FirstShapes extends Applet {
  public void paint (Graphics g) {
    g.setColor(Color.pink);
    g.fillRect(30, 100, 80, 40);
    g.setColor(Color.green);
    g.fillOval(100, 100, 50, 50);
    g.setColor(Color.orange);
  }
}
```

    a green circle is drawn Last

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5. Write a statement that changes the background to green.

setBackground(Color.green);

6. Which of the following statements will display the phrase

I like weekends!

A. g.drawstring("I like weekends!", 60, 60);
B. g.DrawString{"I like weekends!", 60, 60};
C. g.drawString("I like weekends!", 60);
D. g.drawString("I like weekends!", 60, 60);

7. Which of the following class name best follows the Java Style Manual recommendations?

A. class DrawPicture;
B. class drawPicture;
C. class Picture; *must be a noun*
D. class picture;

8. Write a statement that declares a variable to store the number of students taking Java.

int numJavaStudents;

9. Write a statement that declares a variable to store the average exam score and assigns an appropriate value.

float avgExamScore = 100.0; *need f for float Not Double*

10. Evaluate the following line of code. What is the value of **percent**?

int percent = 100 * (45 / 50);

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