P5 Quiz for Unit 1

Questions: Multiple Choice. Click on the best choice for your responses.

Name

Talent Section

1. What command draws a rectangle?

1. rec(10, 20, 100, 200);
2. rect(10, 20, 100, 200);
3. rectangle(10, 20, 100, 200);
4. ellipse(10, 20, 40, 40);

2. What command colors the background of your canvas?

1. Background
2. Var = color
3. endShape
4. Fill

3. What command removes the outlines from shapes?

1. noOutline();
2. noBorder();
3. noColor();
4. noStroke();

4. What command draws a perfect circle?

1. ellipse(80, 60, 100, 105);
2. ellipse(80, 60, 80, 160);
3. ellipse(80, 60, 100,100);
4. ellipse(80, 60, 105, 100);

5. What command colors a shape?

1. color(43, 255, 0);
2. fill(43, 255, 0);
3. bucket(43, 255, 0);
4. bucket(43, 255,43);

6. What commands draws a line?

1. stroke(200, 200, 275,220)
2. horizontal(200, 250, 260, 135);
3. line(200, 220,275,220);
4. pencil(200, 200, 245, 220);

7. What punctuation is at the end of a line of code?

1. #(hash tag symbol)
2. ) end parenthesis symbol
3. ; semi colon
4. >greater than symbol

8. The “stroke” command means

1. Color inside the shape
2. Color of blocks
3. Color outside shape
4. Border

9. What does the “fill” command do?

1. Put letters in the shape
2. Put color in the shape
3. Put pictures in the shape
4. Put code in the shape

10. Any code that is within the following draw function: draw = function () {....}

1. Will be performed twice
2. Will be performed once
3. Will not be performed
4. Will be performed over and over

11. A variable is used to:

1. Store a value in memory
2. Store a value that does not change
3. Draw a circle
4. Draw a rectangle

12. In a programming language,\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_are used to store data values

1. Tags
2. Files
3. Codes
4. Variables

13. JavaScript uses the\_\_\_\_\_\_\_\_\_\_\_\_\_\_keyword to define and assign variables

1. Vrb
2. Vari
3. Var
4. Va

14. This saves a value, which can then be assigned when writing code

1. Parameter
2. Variable
3. Function
4. argument

15. The area where all drawn graphics are displayed is known as the

1. Console
2. Variable
3. Canvas
4. Palate

16. How many parameters are there in the code for drawing a lin in P5,js? (Hint: you need to points to draw a line)

1. 5
2. 4
3. 1
4. 2

17. Which is the correct syntax for drawing a rectangle?

1. Rect(x, y, width, height);
2. rect(width, height, x, y);
3. rect(x, y, width, height);
4. rect(x1, x2, y1, y2, width, height);

18. What is the height of the following shape? ellipse(70, 120, 150, 180);

1. 70
2. 150
3. 120
4. 180

19. What is the y coordinate of the following shape? ellipse(70, 120, 150, 180);

1. 70
2. 150
3. 120
4. 180

20. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_are lines of code that perform specific tasks.

1. Parameters
2. Functions
3. Variables
4. methods