1. What are the two main parts of a computer architecture?

a. Ram memory

b. CPU Processor

2. Google “basic Python commands” and list four commands.

a. Def

b. Del

c. Print

d. Yield

3. Identify the two syntax errors in the following command: Print("This command prints messages)

a. No end Quote

b. Capital “print”

4. Summarize the cause and effect of a syntax error.

Prevents program from working and gives syntax error. A syntax error means there is a typo in the coding

5. Explain what happens if you use a variable before it is defined.

You get an error because the program does not know the value of the variable

6. Summarize the cause and effect of a run-time error.

Run- Time error means you typed everything correctly, although you use before it was defined. Such as a variable before it was defined. The effect of a run-time error prevents your program from running.

7. Write a Python statement to assign the value of 24 to the variable classSize.

ClassSize=24

8. Create a valid Python variable name to store a student exam mark and that follows the “mixedCase” style guidelines.

Exam Mark ics

9. Create a valid Python variable name to store a student exam mark and that DOES NOT follow the “mixedCase” style guidelines.

Exam mark ics

10. Write a mathematical expression that assigns a value of 62 to the variable myAnswer.

a. myAnswer = 62

11. Write a mathematical expression that uses the variable aNumber and assigns a value of 77 to the variable myAnswer.

a. aNumber = 3

b. myAnswer = aNumber +10 \* 4

12. Change the program on the last slide of the presentation to calculate and print out the cube (power 3) of an input number.