**Multiple Choice [12 Marks]**

Circle the best answer from the choices for each question below:

1. What type of file system in used for hard disks on a modern Windows PC?
   1. DOS
   2. FAT32
   3. FAT64
   4. NTFS
2. What basic NTFS permissions allow a user to delete a folder?
   1. Basic Write
   2. Basic Read
   3. Basic Modify
   4. Basic Full Control
3. If you wanted to share important data with other members of your group, what basic NTFS permission would you not allow?
   1. Basic Write
   2. Basic Read & Execute
   3. Basic List Folder
   4. Basic Read
4. What is the result of the expression “number = 4” followed by the   
   expression “number >= 4”?
   1. True
   2. 4
   3. 5
   4. False
5. Which of the following expressions evaluates to True?
6. True or False
7. True or False
8. True and False
9. not(True)
10. not(True != False)
11. What is not a property of a Python list?
12. The first item in a list has an index of 1
13. A list is a Python data type
14. Items in a list can be accessed using the [] operator
15. A list can be made up of any combination of Python data types
16. Which expression will correctly read and store a floating point number from the console?
17. Value = float(print(“Enter a value”))
18. Float = input(“Enter a value”)
19. Value = float(input(“Enter a value”))
20. Value = input(“Enter a Float”)
21. Which expression will correctly read and store an integer number from the console?
22. Value = int(print(“Enter a value”))
23. Value = int(input(“Enter a value”))
24. Integer = input(“Enter a value”)
25. Value = input(“Enter an Integer”)
26. What is not a property of a Python “if … else …” control statement?
27. The else statements are repeated until the “if” condition is false
28. The else statements are executed once if the “if” condition is false
29. The if statements are executed once if the “if” condition is true
30. The else statements are not executed if the “if” condition is true
31. What is the main purpose of a Python “if … else …” control statement?
32. To repeat the execution of a block of related Python statements
33. To create a user defined function containing a block of related Python statements
34. To decide when to execute a block of related Python statements
35. To ask a user questions about which statements to execute
36. Which of the following Python Turtle commands will make the pen blue?
    1. myPen.color(192,64,64)
    2. myPen.color(64,192,64)
    3. myPen.color(64,64,192)
    4. myPen.blue()
37. Which of the following sequence of Python Turtle commands will draw a line?
    1. myPen.up(), myPen.forward(20), myPen.down()
    2. myPen.down(), myPen.line(20), myPen.up()
    3. myPen.down(), myPen.forward(20), myPen.up()
    4. myPen.down(), myPen.shape(“line”), myPen.up()

A1. describe the functions of different types of hardware components, and assess the hardware needs of users;

A2. describe the different types of software products, and assess the software needs of users;

A3. use the basic functions of an operating system correctly;

C1. demonstrate an understanding of the functions of different types of computer components;

C2. use appropriate file maintenance practices to organize and safeguard data;

D3. explain key aspects of the impact that emerging technologies have on society;

D4. describe postsecondary education and career prospects related to computer studies.

**Task 1 – File Organization [xx Marks]**

Create a folder called “Summative Answers” in your GitHub repository. Provide the URL for this folder below.

This task requires you to organize a flat list of files into an organized file structure using folders and sub-folders. You will save this folder organization to your “Summative Answers” folder in your GitHub repository.

**Task 2 – Computer Hardware [xx Marks]**

Create a folder called “Summative Answers” in your GitHub repository. Provide the URL for this folder below.

**Task 3 – File Organization [xx Marks]**

Create a folder called “Summative Answers” in your GitHub repository. Provide the URL for this folder below.