**Multiple Choice [10 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. 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()

**Day 1 Task – File Organization [10 Marks]**

1. If you have not already done so, create a folder called “Summative Answers” in your GitHub repository.
   1. Also create a sub-folder called “Task 1 Answers”
   2. Provide the URL for this sub-folder below.

1. 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.
   1. Examine (and download) the files contained in the “Summative/Day 1 Task” folder   
      on the class repository.
   2. These files are fake empty files but their file names represent what information they would contain if they were real files.
   3. Create an organization for these files using a criteria of your choice (e.g. by file type,   
      by course type, by grade level, etc.)
   4. As part of your organization also consider that some files will be shared and viewable   
      by students and some files will be kept private for teachers only.
   5. Create a number of folders and sub-folders to match the way you think the files   
      should be organized and shared.
   6. Implement these folders and sub-folders in your GitHub repository under   
      the “Task 1 Answers” folder.
   7. Upload the fake files to the proper folders and sub-folders in your GitHub repository.

**Day 1 – Short Answer Questions [16 Marks]**

Note: Each question is worth 4 marks. 4x4marks = 16 marks.

1. Describe the hardware components in a desktop or laptop PC used to support the following specific memory requirements. List the specific components and provide a brief summary of how they work.
   1. Short term (temporary) and very fast access to programs and data.
   2. Long term (more permanent) and fast access to programs and data.
   3. Back-up and portable storage of user data.
2. Compare the Android or iOS phone software to software running on a Windows PC.
   1. Explain three (3) specific operating systems functions that are similar.
   2. Explain one (1) specific operating systems functions that is different.
3. Explain the positive impacts that emerging technologies have on society by referring to three (3) specific examples taken from work we have done in class this semester.
4. Explain the negative impacts that emerging technologies have on society by referring to three (3) specific examples taken from work we have done in class this semester.

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