Multiple Choice Questions [20 Marks]

* Circle the best answer for each of the following questions.
* Each question is worth 1 mark

1. Which of the following computer components is not measured in megabytes?
   1. The hard disk drive (HDD)
   2. The RAM memory
   3. The Graphics Expansion card
   4. The main CPU chip
2. Which of the computer components is not found on the motherboard?
   1. The main CPU chip
   2. The hard disk drive (HDD)
   3. The RAM memory
   4. The Graphics Expansion card
3. Which of the following is not a separate computer component in the PC tower case?
   1. The hard disk drive (HDD)
   2. The main CPU chip
   3. The power supply
   4. The CD/DVD disk drive
4. Which of the following is not part of a "Privacy Policy" document?
5. A definition of how the company collects personal information
6. A definition of how the company stores personal information
7. A definition of how the company shares personal information
8. A definition of how the company uses personal information
9. When installing software or creating an account, which document defines who can use the product?
10. The "End User Agreement"
11. The "Terms Of Service Agreement"
12. The "Privacy Policy"
13. The "Copyright License"
14. What is not a property of a Python variable?
    1. A variable must be defined before it is used
    2. A variable can store any data type
    3. A variable stores numbers and a string stores letters
    4. A variable can be assigned different values in a program
15. What is not a property of a Python Booleans?
    1. A Boolean can have a value of 0 or 1
    2. A Boolean is a Python data type
    3. A Boolean can have a value of True or False
    4. An example of a Boolean expression is “5 >= 6”
16. Which of the following is not a valid Python string type?
    1. “String”
    2. ‘Word’
    3. String
    4. “True”
17. What is the result of the expression “number = 4” followed by the expression “number >= 4”?
    1. False
    2. True
    3. 4
    4. 5
18. Which of the following expressions evaluates to False?
    1. True and False
    2. True or False
    3. not(False)
    4. not(True == False)
19. What is not a property of a Python list?
    1. A list is a Python data type
    2. Items in a list can be accessed using the [] operator
    3. A list can be made up of any combination of Python data types
    4. The first item in a list has an index of 1
20. For the list “Teams = [“raptors”,”jays”,”leafs”]”, which of the following expressions   
    evaluates to “raptors”?
    1. Teams[1]
    2. Teams[“raptors”]
    3. Teams[0]
    4. Teams[raptors]
21. Which expression will correctly read and store an integer number from the console?
    1. Value = int(print(“Enter a value”))
    2. Integer = input(“Enter a value”)
    3. Value = int(input(“Enter a value”))
    4. Value = input(“Enter an Integer”)
22. What is not a property of a Python “for” loop?
    1. Loops can contain nested inner loops
    2. Statements contained in the loop do not need to be indented
    3. The loop statement may include a loop indexing variable
    4. The number of times to loop can be specified in the loop statement
23. What is not a property of a Python “if … else …” control statement?
    1. The else statements are executed once if the “if” condition is false
    2. The else statements are repeated until the “if” condition is false
    3. The if statements are executed once if the “if” condition is true
    4. The else statements are not executed if the “if” condition is true
24. 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.shape(“line”), myPen.up()
    4. myPen.down(), myPen.forward(20), myPen.up()
25. Which of the following is an equity issue addressed by software developers?
26. The release of new sets of Emojis that reflect a diversity of users
27. The inclusion of regionalization options that support users in different countries
28. The inclusion of display settings and tools that support vision impaired users
29. All of the above have been addressed by software developers.
30. A major concern related to Emoji Equity is that:
    1. The current limited set of emojis may not allow all people to express themselves
    2. The current limited set of emojis promote stereotypes
    3. People should use words instead of emojis to communicate
    4. Social Network software companies are not concerned about Emoji Equity
31. Which of the following is not a concern related to crypto currencies?
32. The energy used to mine crypto currencies is bad for the environment
33. Crypto currencies are used by criminals to hide their activities
34. The value of crypto currencies is highly volatile (changes a lot)
35. The block chain technology used by crypto currencies is not secure
36. A major concern that the community of Medicine Hat has about Bitcoin Mining is that:
    1. The price of Bitcoin changes day by day
    2. Bitcoin can be used by criminals
    3. Bitcoin mining requires lots of energy
    4. Bitcoin mining does not employ many people