Q 1. Which one of the platform module functions should be used to determine the underlying platform name?  
A . platform.uname ()  
**B . platform.platform ()**  
C . platform.python\_version()  
D . platform.processor()

Q 2. Which of the following expressions evaluate to True? (Select two answers)  
**A . 121 + 1 != ‘!’+ 2 \* ‘2’**  
B . ‘AbC’ lower () ‘AB'<  
C . ‘1’+ ‘1’+ ‘1’< ‘1’\*3′  
**D . ‘3.14’!= str(3.1415)**

Q 3. Which of the following lambda definitions are correct? (Select two answers)  
A . lanbda x, y; return x\y – x%y  
**B . lambda x, y: x//y – x%y**  
C . lambda (x, y = x\y x%y  
**D . lambda x, y: (x, y)**

Q 4. Assuming that the code below has been placed inside a file named code.py and executed successfully, which of the following expressions evaluate to True? (Select two answers)

Text, letter

Description automatically generated

A. str(Object) == ‘Object’  
  
**B. \_name == \_main\_’**  
  
C. ClassA. \_module\_ == ‘ClassA’  
  
**D. len(ClassB.\_\_bases\_\_) == 1**

Q 5. The following class hierarchy is given.  
  
What is the expected output of the code?

Table

Description automatically generated

A . BB  
B . CC  
C . AA  
**D . BC**

Q 6. A class constructor (Select two answers)  
A . can return a value  
B . cannot be invoked directly from inside the class  
**C . can be invoked directly from any of the subclasses**  
D . can be invoked directly from any of the superclasses

Q 7. Python’s built in function named open () tries to open a file and returns:  
**A. an integer value identifying an opened file**  
**B. an error code (0 means success)**  
**C. a stream object**  
**D. always None**

Q 8. The following class definition is given. We want the show () method to invoke the get () method, and then output the value the get () method returns. Which of the invocations should be used instead of XXX?  
Text, letter

Description automatically generated  
**A. print (get(self))**  
**B. print (self.get())**  
**C. print (get())**  
**D. print (self.get (val))**

Q 9. If S is a stream open for reading, what do you expect from the following invocation?  
  
**A. one line of the file will be read and stored in the string called C**  
**B. the whole file content will be read and stored in the string called C**  
**C. one character will be read and stored in the string called C**  
**D. one disk sector (512 bytes) will be read and stored in the string called C**

Q 10. You are going to read 16 bytes from a binary file into a bytearray called data. Which lines would you use? (Select two answers)  
**A. data = bytearray (16) bf.readinto (data)**  
**B. data = binfile.read (bytearray (16))**  
**C. bf. readinto (data = bytearray (16))**  
**D. data = bytearray (binfile.read (16))**

Q 11. What is the expected output of the following snippet?  
Chart

Description automatically generated with low confidence  
**A. True False**  
**B. True True**  
**C. False False**  
**D. False True**

Q 12. What is the expected behavior of the following code?  
A picture containing text

Description automatically generated

It will:  
**A. print 0**  
**B. cause a runtime exception**  
**C. prints 3**  
**D. print an empty line**

Q 13. If any of a class’s components has a name that starts with two underscores (\_\_\_), then:  
**A. the class component’s name will be mangled**  
**B. the class component has to be an instance variable**  
**C. the class component has to be a class variable**  
**D. the class component has to be a method**

Q 14. If you need to serve two different exceptions called Ex1 and Ex2 in one except branch, you can write:  
**A. except Ex1 Ex2:**  
**B. except (ex1, Ex2):**  
**C. except Ex1, Ex2:**  
**D. except Ex1+Ex2:**

Q 15. A function called issubclass (c1, c2) is able to check if:  
**A. c1 and c2 are both subclasses of the same superclass**  
**B. c2 is a subclass of c1**  
**C. c1 is a subclass of c2**  
**D. c1 and c2 are not subclasses of the same superclass**

Q 16. What is the expected output of the following code?  
A picture containing text

Description automatically generated  
**A. 21**  
**B. 12**  
**C. 3**  
**D. none**

**Q 17.**

A method for passing the arguments used by the following snippet is called:  
Text

Description automatically generated with medium confidence

**A. sequential**  
**B. named**  
**C. positional**  
**D. keyword**

Q18. What is the expected output of the following code?  
A picture containing text

Description automatically generated  
**A. abcef**  
**B. The program will cause a runtime exception/error**  
**C. acdef**  
**D. abdef**

**19. What will be the value of the i variable when the while e loop finishes its execution?  
Text

Description automatically generated with low confidence**

* **A. 1**
* **B. 0**
* **C. 2**
* **D. the variable becomes unavailable**

**Explanation:**

**Reference Jennifer Stack Lecturer REIM for PCEP, PCAP PCPP1 and 2.**

**In [4]: i=0**

**In [5]: while i != 0: ...: i=i-1 ...:**

**else: ...: i=i+1 ...:**

**In [6]: i Out[6]: 1**

**i=0 so i becomes i+1 A is correct**

**20. And operator able to perform bitwise shifts is coded as (Choose two.)**

* **A. --**
* **B. ++**
* **C. <<**
* **D. >>**