

➤ **Vendor:** Python Institute

➤ **Exam Code:** PCAP-31-03

➤ **Exam Name:** Certified Associate in Python Programming Exam

➤ **New Updated Questions from** [Braindump2go](#) (Updated in [October/2022](#))

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#### **QUESTION 87**

If you want to access an exception object's components and store them in an object called e, you have to use the following form of exception statement

- A. except Exception(e):
- B. except e=Exception:
- C. except Exception as e:
- D. such an action is not possible in Python

**Answer:** C

#### **QUESTION 88**

A variable stored separately in every object is called:

- A. there are no such variables, all variables are shared among objects
- B. a class variable
- C. an object variable
- D. an instance variable

**Answer:** D

#### **QUESTION 89**

There is a stream named s open for writing. What option will you select to write a line to the stream"

- A. s.write("Hello\n")
- B. write(s, "Hello")
- C. s.writeln("Hello")
- D. s.writeline("Hello")

**Answer:** A

#### **QUESTION 90**

You are going to read just one character from a stream called s. Which statement would you use?

- A. ch = read(s, 1)
- B. ch = s. input(1)

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- C. `ch = input(s, 1)`
- D. `ch = s.read(l)`

**Answer:** D

**QUESTION 91**

What can you deduce from the following statement? (Select two answers)

```
str= open ('file.txt', 'rt')
```

- A. `str` is a string read in from the file named `file.txt`
- B. a newlina character translation will be performed during the reads
- C. if `file. txt` does not exist, it will be created
- D. the opened file cannot be written with the use of the `str` variable

**Answer:** BD

**QUESTION 92**

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

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```
class A:
    def a (self) :
        print ("A", end= ' ')
    def b (self) :
        self.a ( )

class B (A):
    def a (self) :
        print ("B", end= ' ')
    def do (self):
        self.b ( )

class C (A):
    def a (self):
        print ("C", end= ' ')
    def do (self):
        self.b ( )

B ( ) . do ( )
C ( ) . do ( )
```

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

**Answer:** D

**QUESTION 93**

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)

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- C. a stream object
- D. always None

**Answer:** C

**QUESTION 94**

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

**Answer:** BC

**QUESTION 95**

Which of the listed actions can be applied to the following tuple? (Select two answers)

```
tup = ()
```

- A. tup [:]
- B. tup.append (0)
- C. tup [0]
- D. del tup

**Answer:** AD

**QUESTION 96**

What is the expected output of the following snippet?

```
class X:
    pass
class Y (X):
    pass
class Z(Y):
    pass

X = Z()
Z = Z()
print (isinstance (x, z), isinstance (z, X))
```

- A. True False
- B. True True
- C. False False
- D. False True

**Answer:** B

**QUESTION 97**

Assuming that the V variable holds an integer value to 2, which of the following operators should be used instead of

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OPER to make the expression equal to 1?  
V OPER 1 -

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

**Answer:** C

#### **QUESTION 98**

Which of the following words can be used as a variable name? (Select two valid names)

- A. for
- B. True
- C. true
- D. For

**Answer:** CD

#### **QUESTION 99**

How many elements will the list1 list contain after execution of the following snippet?

```
List1 = "don't think twice, do it!" .split (' ,')
```

- A. two
- B. zero
- C. one
- D. three

**Answer:** A

#### **QUESTION 100**

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:

**Answer:** B

#### **QUESTION 101**

What is the expected behavior of the following code?

```
def unclear (x):  
    if x % 2 == 1:  
        return 0  
  
print )unclear (1) + unclear (2))
```

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It will:

- A. print 0
- B. cause a runtime exception
- C. prints 3
- D. print an empty line

**Answer: B**

#### QUESTION 102

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?

```
class Class:
    def __init__(self, val):
        self.val = val
    def get(self):
        return self.val
    def show(self):
        XXX
```

- A. print (get(self))
- B. print (self.get())
- C. print (get())
- D. print (self.get (val))

**Answer: B**

#### QUESTION 103

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

```
def fun (a, b):
    return a + b

res = fun (1, 2)
```

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

**Answer: C**

#### QUESTION 104

If you want to transform a string into a list of words, what invocation would you use? (Select two answers)  
Expected output:

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The, Catcher, in, the Rye,

Code:

```
S = "The Catcher in the Rye"
l = # put a proper invocation here
For w in l:
    Print (w, end=',') # outputs: The, Catcher, in, the Rye,
```

- A. s.split ()
- B. split (s, "~ "~)
- C. s.split ("~ "~)
- D. split (s)

**Answer:** AC

#### QUESTION 105

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))

**Answer:** AD

#### QUESTION 106

Which line can be used instead of the comment to cause the snippet to produce the following expected output? (Select two answers)

Expected output:

1 2 3

Code:

```
c, b, a = 1, 3, 2
# put line here
print (a, b, c)
```

- A. c, b, a = b, a, c
- B. c, b, a = a, c, b
- C. a, b, c = c, a, b
- D. a, b, c = a, b, c

**Answer:** AC

#### QUESTION 107

Which of the equations are True? (Select two answers)

- A. chr (ord (x)) == x
- B. ord (ord (x)) == x

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- C. `chr (chr (x)) == x`
- D. `ord (chr (x)) == x`

**Answer:** AD

**QUESTION 108**

Files with the suffix .pyc contain:

- A. Python 4 source code
- B. backups
- C. temporary data
- D. semi-compiled Python code

**Answer:** D

**QUESTION 109**

What can you do if you don't like a long package path like this one?

```
import alpha .beta . gamma .delta .epsilon .zeta
```

- A. you can make an alias for the name using the alias keyword
- B. nothing, you need to come to terms with it
- C. you can shorten it to alpha. zeta and Python will find the proper connection
- D. you can make an alias for the name using the as keyword

**Answer:** D

**QUESTION 110**

Is it possible to safely check if a class/object has a certain attribute?

- A. yes, by using the hasattr attribute
- B. yes, by using the hasattr ( ) method
- C. yes, by using the hassattr ( ) function
- D. no, it is not possible

**Answer:** C

**Explanation:**

Information from Python course, signed by Python Institute:

Python provides a function which is able to safely check if any object/class contains a specified property. The function is named `hasattr`, and expects two arguments to be passed to it:

the class or the object being checked;

the name of the property whose existence has to be reported (note: it has to be a string containing the attribute name, not the name alone)

**QUESTION 111**

The following class hierarchy is given. What is the expected out of the code?

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```
class A:
    def a (self) :
        print ("A", end= ' ')
    def b (self) :
        self.a ()

class B (A):
    def a (self) :
        print ("B", end= ' ')
    def do (self):
        self.b ()

class C (A):
    def a (self):
        print ("C", end= ' ')
    def do (self):
        self.b ()

B ( ) . do ( )
C ( ) . do ( )
```

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

**Answer:** D

#### QUESTION 112

Python strings can be "glued" together using the operator:

- A. .
- B. &
- C. \_
- D. +

**Answer:** D

#### QUESTION 113

Executing the following snippet

```
dct = { 'pi' : 3.14}
dct ['pi'] = 3.1415
```

will cause the dct:

- A. to hold two keys named 'pi' linked to 3.14 and 3.1415 respectively

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- B. to hold two key named 'pi' linked to 3.14 and 3.1415
- C. to hold one key named 'pi' linked to 3.1415
- D. to hold two keys named 'pi' linked to 3.1415

**Answer:** C

**QUESTION 114**

A two-parameter lambda function raising its first parameter to the power of the second parameter should be declared as:

- A. `lambda (x, y) = x ** y`
- B. `lambda (x, y): x ** y`
- C. `def lambda (x, y): return x ** y`
- D. `lambda x, y: x ** y`

**Answer:** D

**QUESTION 115**

What is the expected behavior of the following code?

```
def f(n):  
    for i in range (1, n+1):  
        yield i  
  
for i in f (2):  
    print (i, end= ' ')
```

It will:

- A. print 2 1
- B. print 1 2
- C. cause a runtime exception
- D. print <generator object f at (some hex digits)>

**Answer:** B

**QUESTION 116**

What is true about Python class constructors? (Choose two.)

- A. there can be more than one constructor in a Python class
- B. the constructor must return a value other than None
- C. the constructor is a method named `__init__`
- D. the constructor must have at least one parameter

**Answer:** CD

**QUESTION 117**

What is the expected behavior of the following code?

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```
def foo(x):  
    return -x if x > 0 else x  
  
print(foo(-2))
```

- A. it outputs -2
- B. it outputs 2.0
- C. it outputs 0.0
- D. the code is erroneous and it will not execute

**Answer: A**

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