

✓ Correct

Marks: 1 / 1

Time Taken: 1:22 Minutes

Q: 1 What is true about how Python looks for modules/packages?

- A.** The directory from which the code has been run is searched only upon the user's request.
- ✓ Your Ans **B.** The directory from which the code has been run is always searched through.
- C.** The directory from which the code has been run is never searched through.
- D.** The directory from which the code has been run must not contain any modules.

Section: PCAP002080222

Question Type: Multiple Choice (Radiobutton)

QID: 257

✓ Correct

Marks: 1 / 1

Time Taken: 28 Seconds

Q: 2 What is the expected output of the following code?

```
import random
random.seed(0)
x = random.choice([1,2])
random.seed(0)
y = random.choice([1,2])
print(x-y)
```

- A.** True
- B.** -1
- ✓ Your Ans **C.** 0
- D.** 1

Section: PCAP002080222

Question Type: Multiple Choice (Radiobutton)

QID: 254

✓ correct

Marks: 1 / 1

Time Taken: 57 Seconds

Q: 3 The following code snippet is used to import and invoke the c() function. What is **always true** about the function and its environment?

(Select two answers)

```
import a.b
a.b.c()
```

- ✓ Your Ans **A.** The c() function is contained in the b module.
- B.** The c() function can also be invoked in the following way: c()
- ✓ Your Ans **C.** The b component is the module, and it is contained inside the package or is a submodule of a.
- D.** The c() function can also be invoked in the following way: b.c()

Section: PCAP002080222

Question Type: Multiple Correct

QID: 248

✓ correct

Marks: 1 / 1

Time Taken: 1:9 Minutes

Q: 4 A programmer needs to use the following functions: machine(), choice(), and system(). Which modules have to be imported to make this possible?

(Select two answers)

- ✓ Your Ans **A.** platform
- B.** tkinter
- C.** math
- ✓ Your Ans **D.** random

Section: PCAP002080222

Question Type: Multiple Correct

QID: 252

Q: 5 What is the expected output of the following code?

```
import math
x = -1.5
print(abs(math.floor(x) + math.ceil(x)))
```

- ✓ Your Ans **A. 3**
- B. 2**
- C. -3**
- D. -2**

Section: PCAP002080222

Question Type: Multiple Choice (Radiobutton)

QID: 253

✓ correct

Marks: 1 / 1

Time Taken: 12 Seconds

Q: 6 Which statements are true about the `__pycache__` directory/folder?

(Select two answers)

- ✓ Your Ans **A. It contains semi-compiled module code.**
- B. It has to be created manually by the module's user.**
- C. It has to be created manually by the module's creator.**
- ✓ Your Ans **D. It is created automatically.**

Section: PCAP002080222

Question Type: Multiple Correct

QID: 256

✓ correct

Marks: 1 / 1

Time Taken: 51 Seconds

Q: 7 A function named `f()` is included in a module named `m`, and the module is a part of a package named `p`. Which of the following code snippets allows you to properly invoke the function?

(Select two answers)

- ✓ Your Ans **A. `from p.m import f`
`f()`**
- B. `import p.m.f`
`f()`**
- C. `import p`
`m.f()`**
- ✓ Your Ans **D. `import p.m`
`p.m.f()`**

Section: PCAP002080222

Question Type: Multiple Correct

QID: 247

✓ Correct

Marks: 1 / 1

Time Taken: 41 Seconds

Q: 8 What is **true** about the built-in `dir()` mechanism in the context of modules and packages?

- A. It is a method that can be invoked from within a module to obtain the module contents.**
- B. It is a dictionary contained by a module reflecting the module contents.**
- ✓ Your Ans **C. It is a function that can be invoked with a module passed as an argument to obtain the module contained.**
- D. It is a list contained by a module reflecting the module contents.**

Section: PCAP002080222

Question Type: Multiple Choice (Radiobutton)

QID: 249

Q: 9 What is **true** about sys.path?

- A. It is a string that contains the name of the directory/folder where the Python installation is deployed.
- B. It is a string that copies the OS PATH environment variable.
- ✓ Your Ans C. It lists strings that indicate all directories/folders scanned by Python to find the specific modules.
- D. It is a string that contains the name of the OS Current Working Directory/ Folder.

Section: PCAP002080222

Question Type: Multiple Choice (Radiobutton)

QID: 250

✓ correct

Marks: 1 / 1

Time Taken: 9 Seconds

Q: 10 Which of the following functions come from the math module?

(Select two answers)

- ✓ Your Ans A. sqrt()
- ✓ Your Ans B. hypot()
- C. seed()
- D. processor()

Section: PCAP002080222

Question Type: Multiple Correct

QID: 251

✓ correct

Marks: 1 / 1

Time Taken: 23 Seconds

Q: 11 Which of the following statements is **true**?

(Select two answers)

- A. A programmer must manually create a directory/folder named __pycache__ inside every package.
- ✓ Your Ans B. The variable named __name__ is a string containing the module name.
- C. The .pby extension marks files that contain Python semi-compiled byte-code.
- ✓ Your Ans D. A source file named __init__.py is used to mark a directory/folder containing a Python package and initialize the package.

Section: PCAP002080222

Question Type: Multiple Correct

QID: 255

✓ Correct

Marks: 1 / 1

Time Taken: 15 Seconds

Q: 12 Which of the following variables will Python consider to be **private**?

- A. __privatedata__
- B. private__data
- ✓ Your Ans C. __privatedata
- D. privatedata__

Section: PCAP002080222

Question Type: Multiple Choice (Radiobutton)

QID: 258

Score Card Report

Start Time: Feb 10 2022 7:29PM

End Time: Feb 10 2022 7:40PM

Time Taken: 11:15 Minutes

Total Questions: 12

Correct: 12

Partially Correct: 0

Incorrect: 0

Unanswered: 0

Percentage: 100%

Result: Pass

Negative Marks: 0

--- END OF REPORT ---

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