

Question 1

Complete

Marked out of 1.00

Flag question

What is the order of precedence in python?

Select one:

- ☐ a. Exponential, Parentheses, Multiplication/Division, Addition/Subtraction
- ☐ b. Parentheses, Exponential, Addition/Subtraction, Multiplication/Division
- ☐ c. Exponential, Parentheses, Addition/Subtraction, Multiplication/Division
- ☒ d. Parentheses, Exponential, Multiplication/Division, Addition/Subtraction, <</>>, &, ^, |,
() ** * / + - comparison operator,
Boolean not, and, or

Question 2

Complete

Marked out of 1.00

Flag question

What are the right ways to import Thread?

Select one or more:

- ☒ a. import thread
- ☒ b. import Thread as threading
- ☒ c. from threading import Thread ←
- ☐ d. import threading.Thread

Thread - class
threading - module
→ import threading

Question 3

Not answered

Marked out of 1.00

Flag question

What are the wrong sentences about the files ?

Select one or more:

- ☒ a. In binary read mode, the data could be read line-by-line. (text)
- ☐ b. The open() function returns a file object to access data.
- ☐ c. The file needs to be opened before accessing.
- ☒ d. The data in file is only written to the disk ~~when calling close~~.
↪ buffer not really before

Question 4

Complete

Marked out of 1.00

Flag question

What are the keywords that can terminate the loop ?

Stop

Select one or more:

- ☐ a. continue
- ☒ b. return X
- ☒ c. yield X
- ☒ d. break

Question 5

Complete

Marked out of 1.00

Flag question

How to wait until the thread finishes ?

Select one or more:

object

variable

- ☒ a. threading.Thread.join(<thread_var>)
- ☒ b. <thread_var>.join()
- ☒ c. threading.join(<thread_var>)
- ☒ d. Thread.join()

Question 6

Complete

Marked out of 1.00

Flag question

What are legal variable names in python ?

Select one or more:

- ☒ a. Variable_name
- ☐ b. #Variable_name
- ☒ c. _Variable_name
- ☒ d. Variable-name

Question 7

Complete

Marked out of 1.00

Flag question

Which are unordered collections types ?

Select one or more:

- ☒ a. Dictionary (for keys)
- ☐ b. Tuple
- ☐ c. List
- ☒ d. Set

Question 12

Complete

Marked out of 1.00

Flag question

What are the right ways to call the method "info" of class "Student" which has an instance name "student" ?

Select one or more:

- ☒ a. Student.info()
- ☒ b. student.info()
- ☐ c. Student.info(self)
- ☒ d. Student.info(student)

Question 13

Complete

Marked out of 1.00

Flag question

What line is **INCORRECT** in the following snippet?

```
1. if x < 10:
2.     print('Smaller than 10')
3. else:
4.     print("Bigger than 10")
```

'Bigger...' or "Bigger..."

Select one or more:

- ☐ a. Line 1
- ☐ b. Line 2
- ☒ c. Line 4
- ☒ d. Line 3

Question 14

Complete

Marked out of 1.00

Flag question

What are wrong statements about class and object ?

Select one or more:

- ☒ a. One object belongs to one or more classes at the same time.
- ☒ b. The caller can only interact with the class through instance.
- ☒ c. Each object instance holds its own data.
- ☐ d. One class has one or more object instances at the same time.

Question 15

Complete

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Flag question

Which are the right ways to install jupyter-notebook ?

Select one or more:

- ☒ a. pip install notebook
- ☐ b. pip install -c notebook
- ☒ c. conda install -c conda-forge notebook
- ☐ d. conda install -c notebook

Question 16

Not answered

Marked out of 1.00

Flag question

What statement could be used to execute the process ?

Select one or more:

- ☐ a. os.system("ps -ef") *→ shell command*
- ☐ b. os.pipe("ps -ef") *→ run as subprocess ?*
- ☐ c. os.fork("ps -ef") *→ create pipe for IPC*
- ☒ d. os.popen("ps -ef") *→ create clone*

Question 17

Not answered

Marked out of 1.00

Flag question

What is the right statement about a Python virtual environment ?

Select one:

- ☐ a. We cannot execute python code without a virtual environment. *x*
- ☒ b. Virtual environments allow isolation of the development environment. *x*
- ☐ c. Virtual environments allow sharing python packages to other developers. *x*
- ☒ d. Virtual environment could be created by command "python -m venv venv". *name of VM*

to share: pip requirement.txt
local

Question 18

Complete

Marked out of 1.00

Flag question

Which are primitive data types ?

Select one or more:

- ☒ a. Boolean
- ☒ b. Dictionary
- ☐ c. List
- ☒ d. Integer

int
float
string
boolean

Question 19

Complete

Marked out of 1.00

Flag question

Which are ordered collections types ?

Select one or more:

- ☒ a. List
- ☐ b. Set
- ☒ c. Tuple
- ☐ d. Dictionary

Question 20

Complete

Marked out of 1.00

Flag question

What are the right sentences about directories ?

Select one or more:

- ☐ a. Directories help to aggregate and summarize data easier.
- ☐ b. Directories fit best to structured data.
- ☒ c. Directories help to traverse and browse easier.
- ☒ d. Directories help to organize data easier.

Question 21

Complete

Marked out of 1.00

Flag question

What are the right properties of Tkinter ?

Select one or more:

- ☐ a. Slow.
- ☒ b. Flexibility.
- ☐ c. Beautiful.
- ☒ d. Simplicity.

Question 22

Complete

Marked out of 1.00

Flag question

What are possible ways to call a superclass method from a subclass ?

Select one or more:

- ☒ a. `super().<method>()`
- ☒ b. `super().<method>(self)` ✗
- ☐ c. `<superclass>.<method>(self)`
- ☐ d. `<superclass>.<method>()`