

# File 1

## MCQ PDF

Ques1 ... 1 What will be the output of the following code snippet?

```
def func(a, b):  
    return b if a == 0 else func(b % a, a) print(func(30, 75))
```

- a) 10
- b) 20
- c) 15
- d) 0

Answer.... C

Ques2.... numbers = (4, 7, 19, 2, 89, 45, 72, 22)

```
sorted_numbers = sorted(numbers)  
even = lambda a: a % 2 == 0  
even_numbers = filter(even, sorted_numbers)  
print(type(even_numbers))
```

- a) Int
- b) Filter
- c) List
- d) Tuple

Answer... B

Ques3... As what datatype are the \*args stored, when passed into

- a) Tuple
- b) List
- c) Dictionary
- d) none

Answer.... A

Ques4.. set1 = {14, 3, 55}

set2 = {82, 49, 62}

set3={99,22,17}

print(len(set1 + set2 + set3))

a) 105

b) 270

c) 0

d) Error

Answer... D

Ques5...What keyword is used in Python to raise exceptions?

a) raise

b) try

c) goto

d) except

Answer.... A

Ques6... Which of the following modules need to be imported to handle date time computations in Python?

a) timedata

b) date

c) datetime

d) time

Answer.... C

Ques7... What will be the output of the following code snippet?

print(4\*\*3 + (7 + 5)\*\*(1 + 1))

a) 248

b) 169

c) 208

d) 233

Answer.... C

Ques8.... Which of the following functions converts date to corresponding time in Python?

a) strptime

b) strftime

c) both a) and b)

d) None

Answer... A

Ques9... The python tuple is \_\_\_\_\_ in nature.

a) mutable

b)immutable

c)unchangeable

d) none

Answer.... B

Ques10... The \_\_\_\_ is a built-in function that returns a range object that consists series of integer numbers, which we can iterate using a for loop.

A. range()

B. set()

C. dictionary{}

D. None of the mentioned above Question

Answer.... A

Ques11 Amongst which of the following is a function which does not have any name?

A. Del function

B. Show function

C. Lambda function

D. None of the mentioned above Question

Answer.... C

Ques12.. The module Pickle is used to \_\_\_\_.

- A. Serializing Python object structure
- B. De-serializing Python object structure
- C. Both A and B
- D. None of the mentioned above Question

ANSWER.... C

Ques13 Amongst which of the following is / are the method of convert Python objects for writing data in a binary file?

- A. set() method
- B. dump() method
- C. load() method
- D. None of the mentioned above

Answer.... B

Ques14 Amongst which of the following is / are the method used to unpickling data from a binary file?

- A. load()
- B. set() method
- C. dump() method
- D. None of the mentioned above

Answer.... B

Ques15. A text file contains only textual information consisting of \_\_\_\_.

- A. Alphabets
- B. Numbers
- C. Special symbols
- D. All of the mentioned above

Ques16 Which Python code could replace the ellipsis (...) below to get the following output? (Select all that apply.)

captains = {

```
"Enterprise": "Picard",  
"Voyager": "Janeway",  
"Defiant": "Sisko", }
```

Enterprise Picard,

Voyager Janeway

Defiant Sisko

a) for ship, captain in captains.items():

```
print(ship, captain)
```

b) for ship in captains:

```
print(ship, captains[ship])
```

c) for ship in captains:

```
print(ship, captains)
```

d) both a and b

Answer..... D

Ques17) Which of the following lines of code will create an empty dictionary named captains?

a) captains = {dict}

b) type(captains)

c) captains.dict()

d) captains = {}

Ques18) Now you have your empty dictionary named captains. It's time to add some data!

Specifically, you want to add the key-value pairs "Enterprise": "Picard", "Voyager": "Janeway", and "Defiant": "Sisko".

Which of the following code snippets will successfully add these key-value pairs to the existing captains dictionary?

a) captains{"Enterprise" = "Picard"}

```
captains{"Voyager" = "Janeway"}
```

```
captains{"Defiant" = "Sisko"}
```

b) captains["Enterprise"] = "Picard"

```
captains["Voyager"] = "Janeway"
```

```
captains["Defiant"] = "Sisko"
```

```
c) captains = { "Enterprise": "Picard",  
"Voyager": "Janeway",  
"Defiant": "Sisko", }
```

d) None of the above

Answer.... B

Ques19 ) You're really building out the Federation Starfleet now! Here's what you have:

```
captains = {  
"Enterprise": "Picard",  
"Voyager": "Janeway",  
"Defiant": "Sisko",  
"Discovery": "unknown", }
```

Now, say you want to display the ship and captain names contained in the dictionary,  
but you also want to provide some additional context.

How could you do it?

- a) for item in captains.items():  
print(f"The [ship] is captained by [captain].")
- b) for ship, captain in captains.items():  
print(f"The {ship} is captained by {captain}.")
- c) for captain, ship in captains.items():  
print(f"The {ship} is captained by {captain}.")
- d) All are correct

Answer.... D

Ques20 ) You've created a dictionary, added data, checked for the existence of keys, and iterated over it with a for loop.

Now you're ready to delete a key from this dictionary:captains = {

```
"Enterprise": "Picard",  
"Voyager": "Janeway",  
"Defiant": "Sisko",  
"Discovery": "unknown", }
```

What statement will remove the entry for the key "Discovery"?

a) `del captains`

b) `captains.remove()`

c) `del captains["Discovery"]`

d) `captains["Discovery"].pop()`

Answer.... C