

MCQ:

1) Def fun(a,b):
Return b if a=0 else func(b%a,a)
Print(func(30,75))

Ans: c) 15

2) Numbers=(4,7,19,2,9,45,72,22)
Sorted_numbers=sorted(numbers)
Even=lambda a:a%2==0
Even_numbers=filter(even, sorted_numbers)
Print(type(even_numbers))

Ans: b) Filter

3) As what data type are the *args stored, when passed into

Ans: a) Tuple

4) Set1={14,3,55}

Set2= {82,49,62}

Set3={99,22,17}

Print(len(set1+set2+set3))

Ans: d) Error

5) What keyword is used in python to raise exceptions?

Ans: a) Raise

6) Which of the following modules need to be imported to handle datetime computations in python?

Ans: c) Datetime

7) What will be output of the following codes snippet?

Print (4**3+(7+5)**(1+1))

Ans: c) 208

8) Which of the following functions converts date to corresponding time in python?

Ans: a) striptime

9) The python tuple is ____ in native.

Ans: b) Immutable

10) 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.

Ans: a) Range ()

- 11) Among us which of the following is a function which does not have any name?
Ans: c) Lambda function
- 12) The module pickle is used to ____
Ans: c) both a&b
(Serializing python object structure and deserilazing python objects structure)
- 13) Amongst which of the following is /r the method of convert python objects for writing data in a binary file?
Ans: b) dump () method
- 14) Amongst which of the following is/are method is used to unpickling data from a binary file?
Ans: a) Load ()
- 15) A text file contains only textual information consisting of ____
Ans: d) All of the mentioned above (Alphabets, numbers, special symbols)
- 16) Which python code could replace the ellipsis (....) below to get the following output?
- ```
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&b
- Ans: both a&b
- 17) Which of the following lines of code will create an empty dictionary named captains?
Ans: d) Captains={}
- 18) Now you have your empty dictionary named captains. Its time to add some data! Specifically, you want to add the key value pair "enterprise", "picard", "voyager", "Janeway" and "defiant", "Sisko". Which of the following code snippets will successfully add these key value pairs to existing captain dictionary?
- Ans: c) Captains={
- ```
"Enterprise"."Picard",
"vvuyager"."Janeway",
"Defiant"."Sisko",
}
```
- 19) You are really building out the federation starflect now! Here's what you have:
- ```
Captains={

    "Enterprise"."Picard",
    "vvuyager"."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?

Ans: b) for ship, captain in captains. Items () :

Print (f"the{ship} is captained by {captain}")

20) You have created a dictionary, added data, checked for the existence of keys and iterated over it with a for loop. Now you are ready to delete from a key this dictionary:

```
Captains={  
    "Enterprise": "Picard",  
    "vvyager": "Janeway",  
    "Defiant": "Sisko",  
  
    "Discovery": "Unknown",  
}
```

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

Ans: c) Dell captains ["Discovery"]