

Unit 1 questions.

194080

① who developed the python language.

- ① Zim Den
- ② Guido Van Rossum
- ③ Niene Storm
- ④ Wick Van Rossum

Ans : 2

② Python is used for?

- ① web development
- ② Software Development
- ③ system scripting
- ④ All of the above

Ans : ④

③ Variables are containers for storing data values. True or false.

- ① True
- ② false.

Ans : 1

④ Python allows you to assign values to _____ variables in one line.

- multiple.

⑤ Variable can start with numbers.

- ① True
- ② false

Ans : ②

19/10/20
⑥ Dict is which type of datatype?

-
- ① sequence
 - ② numeric
 - ③ mapping
 - ④ set

Ans :- C

⑦ Which of these are numeric datatypes?

-
- ① int
 - ② float
 - ③ complex
 - ④ All of these

Ans :- ④

⑧ Which of these is used to access elements of the string?

-
- ① `str`
 - ② `[]`
 - ③ `()`
 - ④ `<>`

Ans :- b

⑨ Which of these are escape characters?

- ① `\'`
- ② `\\`
- ③ `\n`
- ④ ~~all~~ all of these

⑩ In which year was the python language developed?

-
- ① 1995
 - ② 1972
 - ③ 1981
 - ④ 1989

Ans :- D.

Q11 In which language is python written?

- ① English
② PHP

Ans:- C

③ C

④ all of the above

Q12 Which of the following is the correct extension of the python file.

① .py

② .Python

③ None of these.

→ Ans:- a.

Q13 — Refers to the spaces at the beginning of a code line.

→ ① Key

② Indentation

③ Brackets

④ None of these.

Ans:- ② 3

Q14 Which character is used in Python to make a single line comment?

① /

② //

③ #

④ !

Ans:- 3

Q15 Which of the following statement is correct regarding the object oriented programming concept in python?

→ ⑤ objects are real-world entities while classes are not Real.

13/08/26
16) which of the following is not a keyword in python language?
→ (a) val (b) raise
(c) try (d) with.

Answer : a.

17) which of the following statement is correct for variable names in python language?
→ (b) unlimited length.

18) which of the following words cannot be a variable in python language?
→ (a) _val (b) val
(c) try (d) -try-
Ans :- C.

19) `x = 1`
`while True:`
`if x % 5 == 0:`
`break`
`Print(x)`
`x += 1`

what will be the output of this code?
→ (a) error (b) 2 1
(c) 0 3 1 (d) None of these
Ans :- d

20) `a = 1`
`while True:`
`if a % 7 == 0:`
`break`
`Print(a)`
`a += 1`

which of the o/p is correct.

① 1 2 3 4 5

② 123456

③ 1234567

④ ~~error~~. Invalid syntax

Ans :- b.

21) `i = 0`

`while i < 5:`

`Print(i)`

`i += 1`

`if i == 3:`

`break`

`else:`

`Print(0)`

what will be the o/p of this statement?

→ ① 123

② 0 123

③ 012

④ 321

Ans :- C.

(22) which of the following output is shown below
L = [2, 54, 'Javapoint', 5]

- (a) Dictionary (c) List
(b) Tuple (d) Stack

Ans :- C.

(23) Is Python case sensitive when dealing with identifiers?

- (a) yes (c) machine dependent
(b) No (d) None of mentioned

Ans : A

(24) what is an maximum possible length of an identifier.

- (a) 31 (c) 79
(b) 63 (d) None of mentioned

Ans: d.

(25) which of the following is invalid variable
(a) my-string-1 (c) foo
(b) 1st-string (d) -

Ans :- b.

(26) which of the following is not keyword?
(a) eval (b) assert
(c) nonlocal (d) Pass

Ans :- a.



- 27) All keywords in python are in —
 (a) lower case (b) capitalized
 (c) upper case (d) None of the mentioned.
 Ans: D.

- 28) Which of the following cannot be a variable?
 (a) -init- (b) in
 (c) it (d) on
 Answer: b.

- 29) What is the output of `print 0.1 + 0.2 == 0.3`?
 (a) True (b) false.
 (c) machine dependent (d) Error.
 Ans: b

- 30) What is type of `inf`?
 (a) Boolean (b) Integer
 (c) Float (d) Complex.
 Ans: c.

- 31) The expression `int(x)` implies that the variable `x` is converted to integer.
 → Ans: false.

- 32) Which of the following is incorrect?
 (a) `x = 0b101` (b) `10023`
 (c) `x = 0x4f5` (d) `03964`
 Ans: D.

- 33) What is result of `cmp(3, 1)`?
 (a) 1 (b) True

19/08/20
34) what will be the output of the following Python code?

```
[ 'F', 't' ] [ bool('spam') ]
```

- (a) + (c) No output
(b) F (d) error

Ans: A

35) which of the following boolean expression is not logically equivalent to the other three?

→ Ans: not (-6710 or -6 == 10)

36) what will be the output of the following python code?

- (1) abc def (3) AbC def
(2) ABC DEF (4) ~~ABC~~ AbC Def.

→ Ans: C

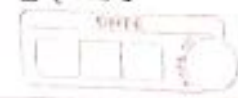
37) what arithmetic operators cannot be used with strings?

- (1) + (2) *
(3) - (4) All

Ans: 3

38) which of the following statement prints hello\example\test.py?

→ (a) Ans: Print("hello\\example\\test.py")



Q1) suppose s is "t\tworld\n", what is s.strip()?

→ (a) t\tworld\n (b) t\tworld\n (c) world (d) world

Ans :- D.

Q2) The Format function, when applied on string returns

→ (a) error (b) bool (c) int (d) str

Ans :- d.

Q3) what will be the output of "hello" + 1 + 2 + 3?

→ (a) hello123 (b) error (c) hello (d) hello6

Ans :- C

Q4) say s = "hello" what will be the return value of type(s)?

→ (a) int (b) bool (c) str (d) string

Ans :- C

Q5) To return the length of string what command do we execute?

→ (a) s.len() (b) len(s) (c) size(s) (d) s.size()

Ans :- B.

Q6) What function do you use to read a string?

→ Ans :- (a) input("Enter a string").

(45) Mathematical operations can be performed on a string.

→ Ans: B - false.

(46) which is the special symbol used in Python to add comments.

-
- | | |
|------|-----------|
| ① \$ | ③ /*...*/ |
| ② // | ④ # |

Ans: - d.

(47) which of the following function removes all leading white spaces in string?

-
- | | |
|------------|------------|
| ① lower() | ② lstrip() |
| ③ max(str) | ④ min(str) |

Ans: - b

(48) which of the following function checks in a string that all characters are in lowercase.

-
- | | |
|-------------|---------------|
| ① islower() | ② isnumeric() |
| ③ isspace() | ④ istitle() |

Ans: - ①

(49) Python can be used to handle big data & perform complex mathematics.

(50) which of these statement are true about Python comments?

→ all of these.

Q1) Python is interpreted or compiled?
→ interpreted.

Q2) you can assign a multiline string to a variable by using _____ quotes.
→ Three.

Unit 2 mca.

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DATE

① what is datatype of `Print(type(5))`?

- (A) Double (C) Integer
(B) float (D) int

Ans: D

② Which of the following is not a built-in data type?

- (1) Dictionary (3) Tuples
(2) Lists (4) Class

Ans: B. 4

③ Which of the following statement is correct?

→ Ans: ~~1~~ Tuples is immutable and list is mutable.

④ What is the output of following code?

→ `str = 'welcome'`
`Print(str[2])`

(1) el

(3) tc

(2) we

(4) wel

Ans: 2

⑤ What is Return type of `id()` function?

- (1) bool (3) int
(2) list (4) double

Ans: (3)

⑥ What is Datatype of `Print(type(0x1F))`?

- (1) int (3) hexint
(2) hex (4) number

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7) what is the output of the following code.
Print(type(3)) is set)?

- ① True.
② false

Ans :- ②

8) In python 3 what is type of type(range)?

- ① Tuple ② range
③ int ④ list

Ans :- ③

9) what type of error can arises when you execute the following code x=y?

- ① TypeError ③ nameError
② value error ④ syntaxError

Ans :- ③

10) what is the output of following code?

→ def test(n):

n = n + '3'

n = n * 3

return n

Print(test("hello"))

① hello3hello3hello3

② Indentation error

③ hello3

④ None of the mentioned.

Ans :- B

11) suppose we have a list with elements, you can get the second element from the list using _____

- ① mylist[-2]
② mylist[2]

- ③ mylist[-1]
④ mylist[1]

Ans:- ④

12) what is the data type of the following object?
→ x = [5, 22, 'sb', 1]

- ① Tuple
② array
③ dictionary
④ list.

Answer:- ④

13) To store values as regards key & values we use _____.

- ① Tuple
② class
③ Dictionary
④ list..

Ans:- ③.

14) can we use tuple as dictionary key?

- ① True
② false

Ans:- ②

15) what is the return value of trunc() function?

- ① bool
② int
③ float
④ None.

Ans:- ②

15) what will be the output of the following Python statement? `>>> "a" + "bc"`

-
- ① a
 - ② bc
 - ③ bca
 - ④ abc

Answer: ④

17) what will be the output of the following Python code?

→

```
>>> str1 = 'hello'
>>> str2 = ','
>>> str3 = 'world'
>>> str1[-1:]
```

- ① Jolleh
- ② hello
- ③ h
- ④ 0

Ans: ④

18) what arithmetic operators cannot be used with strings?

-
- ① +
 - ② *
 - ③ -
 - ④ All of the mentioned.

Ans: ③

19) The format function, when applied on a string returns

- ① Error
- ② int
- ③ bool
- ④ str.

→ Ans: ④

Q20) output of the following code will be:-
 → `txt = "hello, and welcome to my world"`
`x = txt.capitalize()`
`Print(x)`

- (A) Hello, and welcome to my world.
- (B) Hello & welcome to my world.
- (C) Hello & welcome to my world.
- (D) Hello & welcome to my world.

Answer :- C

Q21) output of the following code will be
 → `txt = "company12"`
`x = txt.isalnum()`
`Print(x)`

O/P :- isalnum

Q22) output of the following code will be:
 → `myTuple = ("john", "peter", "vicky")`
`x = "#".join(myTuple)`
`Print(x)`

→ John#Peter#Vicky

Q23) output of following code will be:-
`txt = "I like bananas"`
`x = txt.replace("bananas", "apples")`
`Print(x)`

→ O/P :- I like apples.

(24) output of the following code will be
`txt = "M1 casa su casa"`
`x = txt.find("casa")`
`Print(x)`

(A) 10

(C) 12

(B) 11

(D) 12

Ans :- C

(25) output of the following code

`txt = "I love apples, apples are my favorite fruit"`
`x = txt.count("apple")`
`Print(x)`

(A) 1

(C) 3

(B) 2

(D) None of above.

O/P :- 2

(26) lists are used to store _____ items in single variable.

→ (A) single
 (B) Double

(C) Multiple
 (D) None.

Ans :- C

① c)

22

② 上

④ Won't

Ans: 2

② To determine how many items a list has use the `len()` function.

→ (A) measure()

(c) 7 terms

(B) Len

⑩ None of the above.

② list objects have a 'sort()' method that will sort the list in order by default.

2 ① Ascending

③ Binocular

② Descending

Answer:

Ans :- a'1

Q9) Remove () will 9

(9) Remove () will
→ Removes the item with the specified value

Q1) which of the following is the use of function in python?

→ in python?
functions are reusable pieces of Program.

Q2) which of following commands will create a list?

① list = list()

② list T = []

(c) list1 = list([1, 2, 3])

(B) All of the mentioned.

- (33) What is the output when we execute `list("hello")`?
- (a) ['h','e','l','l','o'] (c) ~~hello~~ ['hello']
(b) ['hello'] (d) ['olleh']

Answer: A

- (34) Suppose `listExample['h','e','l','l','o']`
What is `len(listExample)`?
- (1) 5 (2) 4
(3) None (4) Error

Ans: (1)

- (35) Suppose `list1` is `[2445, 133, 12454, 123]`
What is `max(list1)`?
- Ans: 12454

- (36) Suppose `list` is `[3, 5, 25, 1, 3]` What is `min(list)`?
- (a) 3 (c) 25
(b) 5 (d) 1

Ans: D

- (37) Suppose `list1` is `[1, 5, 9]`, what is `sum(list1)`?
- (a) 1 (c) 15
(b) 9 (d) error

Ans: C

- (38) Suppose `list` is `[2, 33, 222, 14, 25]`
What is `list[-1]`?
- Ans: 25

Q1) choose the correct option with respect to python.

→ Ans: Tuples are immutable while Lists are mutable.

Q2) what is the output of the following?

```
tuple1 = (2, 4, 3)
tuple3 = tuple1 * 2
print(tuple3)
```

→ Ans: (2, 4, 3, 2, 4, 3)

Q3) what is the output of the following code?

```
mylist = ["A", "B", "C", "D"]
print(mylist[-1])
```

→ Ans: D.

Q4) what will be the output of the following Python code?

```
a = [13, 15, 17]
a.append([45, 67])
print(a)
```

Ans: [13, 15, 17, [45, 67]]

Q5) what error will we get if we try to change the tuple.

→ (A) TypeError
(B) No error

(C) Invalid command
(D) None of the above.

⑥ using this statement we can stop the loop before it has looped through all the items.

- (a) stop (b) break
(c) continue (d) None.

Ans:- b

⑦ using this statement we can stop the current iteration of loop:

- (a) break (c) continue
(b) next (d) none.

Ans:- c

⑧ To loop through a set of code a specified number of times, we can use _____ function.

- (1) len() (3) string()
(2) range (4) None.

Ans:- 2

⑨ The range() function returns a sequence of numbers starting from _____ by default & increment by _____

- (a) 2, 0 (b) 9, 8
(c) 1, 0 (d) 0, 1

Ans: d.

⑩ To avoid getting an error in a for loop with no content which statement

1 Pass

3 forPass

2 Passif

4 None

Ans: 3

11 strings are _____ objects they contain a sequence of characters

1 looping

3 iterable

2 conditional

4 none of the above

Ans: 3

12 The _____ keyword in a for loop specifies a block of code to be executed when the loop is finished.

→ 1 break

2 else

3 elif

4 else if

Ans: 2

13 What keyword would you use to add an alternative condition to an if statement?

→ 1 else if

4 None

2 else if

3 elif

Ans: 3

14 can we write if/else into one line in python?

→ 1 yes

3 if/else not used in python

2 No

4 None of the above

Ans: 1

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15) In a Python program, a control structure
→ ① Ans: Directs the order of execution of the statement in the program.

16) what will be the output of the code:
P = 'a' if '12' is digit() else 'r':
→ ① Pa ② P985
③ r5 ④ Pa12
Ans:- a.1

17) which statement will check if a is equal to b?
→ ① if a = b: ② if a == b:
③ if a == c: ④ if a == b
Ans:- 2.

18) Does python have switch case statement?
→ ① True. ② False.
③ Python has switch statement but we cannot use it. ④ None.
Ans:- b.

19) what does the following code prints
if 4+5 == 10;
Print("True")
else:
Print("False")
Print("True")

Ans :- False
True.

⑩ which of the following not used in loop in python?

-
- ① for loop
 - ② while loop
 - ③ do while loop
 - ④ None.

Ans :- 3

⑪ which of the following is false regarding loops in python?

→ Ans: While loop is used when multiple statements are to be executed repeatedly until the given condition becomes false.

⑫ which of the following is true regarding loops in python?

→ Ans: keyword "break" can be used to bring control out of current loop.

⑬ which of the following python code will give different output from the others?

→

```
for k in [0, 1, 2, 3, 4, 5]:  
    print(k)
```

⑭ what will be the output of following code?

→

```
for i in range(0, 2, 1):  
    print("Hello")
```

① Hello

③ No output
② Error

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which of the following is a valid for loop in python?

-
- (1) `for (i=0; i<n; i++)`
 - (2) `for i in range(0,5)`
 - (3) `for i in range(0,5)`
 - (4) `for i in range(5)`

Ans :- b.

(26) when does the else statement written after loop executes?

→ Ans :- when loop condition becomes false

(27) What will be the output?

```
x = ['ab', 'cd']
```

```
for i in x:
```

```
    i.upper()
```

```
print(x)
```

- (a) `['ab', 'cd']`
- (b) `['AB', 'CD']`
- (c) `[None, None]`
- (d) none of the mentioned

Answer :- a.

(28) What will be the output of following Python code.

→ `x = ['ab', 'cd']`

```
for i in x:
```

```
    x.append(i.upper())
```

```
print(x)
```

→ Ans:- None of mentioned.

29) what will output?
x = 'abcd'
for i in x:
 print(i)
 x.upper()

→ Ans:- a b c d

30) what will output?
x = 'abcd'
for i in x:
 print(i.upper())

→ Ans:- A B C D

31) what will be the output of the following Python code?

→ x = 'abcd'
for i in range(x):
 print(i)

→ Answer C. → error

32) what will be output?
x = 'abcd'

for i in range(len(x)):
 print(i)

output :- 0 1 2 3

33) what will be output?

x = 'abcd'

```
for i in range(len(x));  
    print(i.upper())
```

→ Ans :- error.

34) what will be output?

string = "my name is x"

```
for i in " ".join(string.split()):  
    print(i, end = ",")
```

→ Ans :- my, , n, a, m, e, , i, s, , x

35) How many times will the loop run?

→

i = 2

```
while(i > 0)
```

```
    i = i - 1
```

① 2

② 3

③ 1

④ 0

Ans :- a 1

36) What will be output of following Python code?

i = 1

```
while True:
```

```
    if i % 2 == 0
```

```
        break
```

```
    print(i)
```

Q) what will be the output of following python code

```
i = 2
while True:
    if i % 2 == 0:
        break
    print(i)
    i += 2
```

Ans: 2 4

Q) what will be the output of following

```
True = False
while True:
    print(True)
    break
```

Ans: ~~True~~ 1) True
2) False

3) None
4) None or mensured

Ans: 4

Q) what will be the output of following python code?

```
i = 0
while i < 3:
    print(i)
    i = i + 1
else:
    print(i)
```


(40) what will be output.

```
x = "a b c d e f"
```

```
i = 'f'
```

```
while i in x:
```

```
    print(i, end = " ")
```

Ans: ① a b c d e f

③ i i i i i - - -

② a b c d e f

④ No output

Ans :- 4

(41) The _____ keyword catches anything which isn't caught by the preceding condition.

→ ① if not

③ or

② else

④ and.

Ans :- 2

(42) The _____ keyword in python way of saying "If the previous condition is not true then try another condition".

→ ① else

③ Elif

② else if

④ And.

Ans :- 2

(43) which of the following are the loops in python.

unit 4

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- 1) which of following function is built in function?
- ① seed()
 - ② sqrt()
 - ③ factorial()
 - ④ print()

Ans :- 4

- 2) what will be output?
- ① all([2, 4, 0, 6])

- ① Error
- ② True
- ③ false
- ④ 0

Ans :- false.

- 3) which of the following functions does not necessarily accept only iterables as arguments?

- ① enumerate()
- ② all()
- ③ chr()
- ④ max()

Ans :- ③

- 4) which keyword is used for function.

- ① define
- ② fun
- ③ def
- ④ function

Ans :- ③ def

- 5) which of the following items are present

⑥ what is called when a function is defined inside a class?

- ① class ③ method
 ② function ④ module.

Ans :- method.

⑦ If return statement is not used inside the function, the function will return

- ① None ② 0
③ Null ④ Arbitrary value

Ans :- None.

⑧ What is the Recursive function?

→ ① Ans :- A function which calls itself.

⑨ which of the following is the use of id() function in python?

→ Ans :- Id() Returns the identity of the object.

⑩ which of the following function headers is correct?

- ① def fun(a=2, b=3, c)
 ② def fun(a=2, b, c=3)
 ③ def fun(a, b=2, c=3)
 ④ def fun(a, b, c=3, d)

11) How is function Declared in python?

- ① def function_name()
- ② declare function function_name():
- ③ def function_name():
- ④ Declare function_name():

Answer :- 3

12) which of the following is the correct way of calling function?

→ Ans: function_name()

13) what is following Python Program.

```
def Fred():
    print("ZAP")
```

```
def Jane():
    print("ABC")
```

```
Jane()
Fred()
```

Ans :- ABC ZAP ABC

14) What value Printed of following code.

→ ① value

③ parameter

② second

④ first

(15) A named sequence of statements that returns a result is known as which of the following?

-
- | | |
|--------------|-------------|
| ① definition | ② Procedure |
| ③ module | ④ function |

Answer:- D. 4

(16) which of the following would not work as a variable name.

- | | |
|-------|----------|
| ① a | ③ length |
| ② len | ④ X |

Ans :- 2

(17) considers the code below line 1 is called

- | | |
|-----------------------|--------------------------|
| ① A function header | ② Function body |
| ③ Function definition | ④ A function Declaration |

Ans:- 1

(18) which of the following would work as a variable name?

-
- | | |
|------------|-------|
| ① max | ② min |
| ③ built-in | ④ len |

Ans :- 3

(19) what does it means when there are empty parentheses after a function name?

→

→ It indicates that a function doesn't take any arguments.

② what is the first line of a function definition called? what every line after the first line called?

→ ① body; headers

③ headers; body

② title; body

④ initialization;

~~body~~ body

Answer:- 3

② creating a new function gives you an opportunity to name a group of statements, which makes your program

→ ① easier to read

③ debug

② understand

④ all of the above.

Ans:- 4

question

② The name of the function followed by an argument list in().

→ ① function name.

③ function call

② function header

④ function definition

Ans:- C.

② Follows the def keyword & is before the argument list

→ ① function name

② function definition

③ function relaxation

④ function call

13/11/21
(24) The first line of a function defines
→ (a) Ans: Function header

(25) All of the code that tell the program
what to do when the function is executed.
it includes the header & body.

- (1) Function body (2) Function
(3) function definition (4) Function Declaration

Ans: B

(26) A segment of code that performs a
single task

- (1) Function body (2) Function
(3) function Definition (4) Function Declaration

Ans: - 3

(27) All of the lines in the function after
function header

- "Function body"

(28) Adds the contents of the list to
the end of the current list

- (1) ~~reverse~~ reverse (2) extend
(3) sort (4) Append

Ans: B

Q9) Add the value of list at the end of the current list.

→ ① reverse

② extend

③ sort

④ append.

Ans :- 4

Q10) what is the output of the following function?

→ any([2 > 8, 4 > 2, 1 > 2])

① error

③ false

② True

④ 4 > 2

Ans :- 2

Q11) what is the output of the data of the function.

import math

abs(math.sqrt(25))

① error

③ 5

② -5

④ 5.0

Ans :- 4

Q12) what is the output of the function:

all(3, 0, 4.2)

① True

③ Error

② False

④ 0

Ans :- C

194026
(38) what is the output of function shown below?

→ all([2,4,0,6])

- (1) error
- (2) True
- (3) False
- (4) 0

Ans :- 3

(39) what are the outcomes of the following functions?

- chr(97)
chr(97)

- (a) a
- (b) 'a'
- (c) error
- (d) No output

Answer :- C

(40) which of the following function does not necessarily.

-
- (a) enumerate()
 - (b) all()
 - (c) chr()
 - (d) max()

Ans :- C

Q36) ~~what~~ which of the following function accepts only integers as arguments?

- ① ord() ③ chr()
 ② min() ④ any()

Answer :- ③

Q37) which of the following function will not result in an error when no arguments are passed to it?

- ① min() ③ all()
 ② divmod() ④ float()

Ans :- ④

Q38) which function does not throw error?

- ① ord() ② ord('')
 ③ ord('') ④ ord("")

Ans :- ②

Q39) what is o/p of following function below.

ord(65)
ord('A')

Ans :- Error & 65.

(40) which of the following is the use of function in python?

→ Functions are reusable pieces of programs.

(41) what is the output of the below program

```
→ def sayHello():  
    print('Hello world!')  
sayHello()  
sayHello()
```

Ans: ① Hello world! And Hello world!

(42) What are the advantages of function in python?

-
- ① Reducing duplication of code.
 - ② Decomposing complex problems into simpler pieces.
 - ③ Improving clarity of code.
 - ④ All of the mentioned.

Ans: ④

(43) what are the two main types of functions?

→ Ans: Built in function & user defined function.

(44) where can a function be defined?

- 194086
- ① module
 - ② class
 - ③ Another function
 - ④ All of the mentioned.

Ans:- ④

- ④5) which of the following is use of id() function in python?

→ id Returns the identity of the object.

- ④6) Python supports the creation of anonymous functions at runtime, using a construct called _____

-
- | | |
|--------------------|-------------------------|
| ① Lambda | ③ Anonymous |
| ② or Pi | ④ None of the mentioned |

Ans:- ②

- ④7) Does lambda contain return statements?

→ ① True

② false

Ans:- ②

- ④8) :- what is a variable defined outside a functions referred to as?

① static

② global

③ local

④ Automatic

Ans:- ②

49) what is the output of following code?
def change(one, *two):
 print(type(two))
change(1, 2, 3, 4)

-
- ① integer
 - ② Tuple
 - ③ Dictionary
 - ④ An exception is thrown

Ans :- 2

50) If a function doesn't have a return statement what does it return

→ Ans :- None.

51) what will be the output of following piece of code?

```
def find(a, **b):  
    print(type(b))  
find('letters', A='1', B='2')
```

-
- ① string
 - ② Tuple
 - ③ Dictionary
 - ④ An exception is thrown

Answer :- c

52) How are keyword arguments specified in the function heading?

→ Ans :- two stars followed by a valid identifier.

(53) How many keyword arguments can be passed to a function in a single function call?

- (1) zero (2) one
(3) zero or more (4) one or more

Answer :- C

(54) How are default arguments specified in the function heading?

- (a) identifier followed by an equal to sign and the default value

(55) How are required arguments specified in the function heading?

- Ans :- identifier

(56) What is the most appropriate definition for recursion?

- Ans :- A function execution instance that calls another execution instance of the same function.

(57) Which of these is false about Recursion.

- (1) Recursive function can be replaced by a non recursive.
(2) Recursive functions usually take more memory space than non-recursive function.

- 13/08/2020
- ③ Recursive function runs faster than non-recursive function.
 - ④ Recursion make program easier to understand.

→ Ans :- C.

(5) what is the output of the following piece of code?

```
→ def fun(n):  
    if (n > 100):  
        return n - 5  
    return fun(fun(n + 11));  
print(fun(45))
```

① 50

② 100

③ 77

④ infinite loop

Ans :- C