

**Attempt only 35 Questions. Each question 1 marks.**

Question 1. Which of the following is an invalid variable?

- a) my\_day\_2
- b) 2nd\_day
- c) day\_two
- d) \_2

Question 2. The pow(x,y,z) is evaluated as:

- a) (x\*\*y)\*\*z
- b) (x\*\*y) / z
- c) (x\*\*y) % z
- d) (x\*\*y)\*z

Question 3. What will be the output of the following Python function?

- sum(2,4,6)  
sum([1,2,3])
- a) Error, 6
  - b) 12, Error
  - c) 12, 6
  - d) Error, Error

Question 4. What will be the output of the following Python functions?

- |    |           |         |
|----|-----------|---------|
|    | chr('97') | chr(97) |
| a) | a         | Error   |
| b) | 'a'       | a       |
| c) | Error     | a       |
| d) | Error     | Error   |

Question 5. What will be the output of the following Python function?

```
len(["hello",2, 4, 6])
```

- a) 4
- b) 3
- c) Error
- d) 6

Question 6. What will be the output of the following Python code?

```
def f1():  
    x=15  
    print(x)  
x=12  
f1()
```

- a) Error
- b) 12
- c) 15
- d) 1512

Question 7. Which of the following statements are true?

- a) When you open a file for reading, if the file does not exist, an error occurs
- b) When you open a file for writing, if the file does not exist, a new file is created
- c) When you open a file for writing, if the file exists, the existing file is overwritten with the new file
- d) All of the mentioned

Question 8. What is the use of tell() method in python?

- a) tells you the current position within the file
- b) tells you the end position within the file
- c) tells you the file is opened or not
- d) none of the mentioned

Question 9. Which of the following are the modes of both writing and reading in binary format in file?

- a) wb+
- b) w
- c) wb
- d) w+

Question 10. Which of the following are valid membership operator in python:

- (a) ==
- (b) is
- (c) and
- (d) in

Question 11. Which of the following are Keywords in Python ?

- (a) assert
- (b) false
- (c) range
- (d) with

Question 12. Which of the following is not a valid identifier name in Python? Justify reason for it not being a valid name.

- a) break
- b) NONE
- c) range
- d) 6hello

Question 13-17. Rathesh of class 12 is writing a program to create a CSV file “student.csv” which will contain Name, Date of Birth and place. He has written the following code. As a programmer, help him to successfully execute the given task.

```
import _____ #Line 1
with open('E:/student.csv', _____) as f: #Line 2
w = csv. _____(f) #Line 3
ans= 'y'
while (ans== 'y'):
```

```
name= input("Name?: ")
date = input("Date of birth: ")
place = input("Place: ")
w.writerow([name, date, place])
ans=input("Do you want to enter more y/n?: ")
F=open("E:/student.csv", 'r')
reader = csv._____(F) #Line 4
for row in reader:
print(row)
F._____( ) #Line 5
```

Question 13. Name the module he should import in Line 1.

- (a) import csv
- (b) import pickle
- (c) import os
- (d) import binary

Question 14. In which mode, Rathesh should open the file to add data into the file.

- (a) 'r'
- (b) 'w'
- (c) 'a'
- (d) 'rb'

Question 15. Fill in the blank in Line 3 to write the data to the csv file.

- (a) reader
- (b) writer
- (c) load
- (d) dump

Question 16. Fill in the blank in Line 4 to read the data from a csv file.

- (a) reader
- (b) writer
- (c) load
- (d) dump

Question 17. Fill in the blank in Line 5 to close the file

- (a) close
- (b) tell
- (c) open
- (d) seek

Question 18. Evaluate the following expressions:

$3*2**4//6+2\%2$

- (a) 8
- (b) 216
- (c) 0
- (d) 3

Question 19. Evaluate the following expressions:

$10>34$  and  $10==10$  or  $34\%2==0$  or not  $10>20$

- (a) True
- (b) False
- (c) None
- (d) Error

Question Based 20-21. Python Code are follows:

```
import random
H=[21.0,34.5,56.4,78.5]
start=random.randint(1,4)
end=random.randrange(0,len(H))
for I in range(start,end):
    print (H[I],end="#")
```

Question 20. What possible output(s) are expected to be displayed on screen at the time of execution of the program from the following code?

- (a) 34.5#56.4#
- (b) 21.0#34.5#56.4#
- (c) 56.4#
- (d) 56.4#78.5#

Question 21. Also specify the minimum values that can be assigned to each of the variables start and end.

- (a) 1, 0
- (b) 0, 1
- (c) 0, 4
- (d) 4, 4

Question 22. Choose correct option the output -

```
>>>A = [67, 21, 'hello', 'brother']
>>>A.remove('hello')
>>>print ( A [-3])
```

- (a) 21
- (b) 67
- (c) 'brother'
- (d) Error

Question 23. The \_\_\_\_\_ can be used to get the memory address of a variable.

- (a) type()
- (b) id()
- (c) int()
- (d) str()

Question 25. What will be the output of the following python code:

```
c=0
for i in range(5):
    if(i%2==0):
        c=c+2
    if(i%4==0):
        c+=3
print(c)
```

- (a) 10
- (b) 20
- (c) 12
- (d) 16

Question 26. . The \_\_\_\_ literals is used to indicate absence of value.

- (a) int
- (b) True
- (c) None
- (d) String

Question 27. What will be returned by python as result of following statement?

```
>>>type('123')
```

- (a) <class 'int'>
- (b) <class 'str'>
- (c) <class: 'float'>
- (d) <class 'list'>

Question 28. What will be the output of the following python code:

```
b='12'
```

```
print(b*2)
```

- (a) 24
- (b) '24'
- (c) 1212
- (d) '1212'

Question 29. Which of the following option is incorrect?

- (a) The first character must be a letter or underscore.
- (b) An identifier cannot contain any special character except underscore.
- (c) Upper and lower-case letters are treat as distinct.
- (d) An identifier must be a keyword.

Question 30. What is the correct expansion of IDLE?

- (a) Integrated Development Learning Environment
- (b) Interact Development Learning Environment
- (c) Internet Development Learning Environment
- (d) Integrated Direct Learning Environment

Question 31. The return type of input() function is

- (a) string
- (b) integer
- (c) list
- (d) float

Question 32. Find the valid identifier from the following:

- (a) True
- (b) continue
- (c) type
- (d) None

Question 33. Predict the output:

```
A=10
while(A>5):
    print(A,end=" ")
    A=A-1
```

- (a) 10 9 8 7 6 5
- (b) 10 9 8 7 6
- (c) 9 8 7 6 5
- (d) 9 8 7 6 5 4

Question 34. Which of the following symbol is used in python for single line comment?

- a. /
- b. /\*
- c. //
- d. #



Question 35. Find the valid logical operator in python:

- a. >
- b. !=
- c. and
- d. in

Question 36. Which of the following is/are not legal string operators?

- a. in
- b. +
- c. \*
- d. /

Question 37. Which of the following functions will return the string in all caps?

- a) isupper()
- b) upper()
- c) capitalize()
- d) all of these

Question 38., .Find the output of the following code:

```
a,b,c=10,20,30
b=b+2
a+=2
c-=b
print(a,b,c)
```

- a) 12 22 27
- b) 12 22 8
- c) 10 20 30
- d) 30 20 10