

# TERM1 CLASS XIIA 2021-22 COMPUTER SCIENCE

## PRACTICE TEST

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The respondent's email (**null**) was recorded on submission of this form.

\* Required

1. Email \*

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2. ENTER YOUR ROLLNO \*

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3. ENTER YOUR NAME \*

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4. ENTER YOUR CLASS AND SECTION \*

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### MCQs

5. Which of the following is an invalid variable \*

*Mark only one oval.*

my\_string\_1

1st\_string

foo

\_

6. What type of data is: arr = [(1,1),(2,2),(3,3)]? \*

*Mark only one oval.*

Array of tuples

Tuples of lists

List of tuples

Invalid type

7. What is the output of the following program : `print((1, 2) + (3, 4))` \*

Mark only one oval.

- (1, 2), (3, 4)  
 (4, 6)  
 (1, 2, 3, 4)  
 Invalid Syntax

8. Which of the following statements are true? \*

Mark only one oval.

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

9. To open a file `c:\scores.txt` for appending data, we use \_\_\_\_\_ \*

Mark only one oval.

- `outfile = open("c:\scores.txt", "a")`  
 `outfile = open("c:\scores.txt", "rw")`  
 `outfile = open(file = "c:\scores.txt", "w")`  
 `outfile = open(file = "c:\\scores.txt", "w")`

10. To read the next line of the file from a file object `infile`, we use \_\_\_\_\_ \*

Mark only one oval.

- `infile.read(2)`  
 `infile.read()`  
 `infile.readline()`  
 `infile.readlines()`

11. What is the correct syntax of `open()` function? \*

Mark only one oval.

- `file = open(file_name [, access_mode][, buffering])`  
 `file object = open(file_name [, access_mode][, buffering])`  
 `file object = open(file_name)`  
 none of the mentioned

12. What is the two built-in functions to read a line of text from standard input, which is by default the keyboard? \*

Mark only one oval.

- insert  
 input  
 Read  
 Scanner

13. Which one of these is floor division? \*

Mark only one oval.

- //  
 /  
 %  
 None of the above

14. What will be the output of the following Python code snippet? `d1 = {"john":40, "peter":45} d2 = {"john":466, "peter":45} d1 > d2` \*

Mark only one oval.

- True  
 False  
 Error  
 None

15. Which of the following is not true about binary files? \*

Mark only one oval.

- Binary files are store in terms of bytes  
 When you open binary file in text editor will show garbage values  
 Binary files represent ASCII value of characters  
 All of the above

16. This method returns an integer that specifies the current position of the file object. \*

Mark only one oval.

- seek()  
 load()  
 position()  
 tell()

17. Which module is to be imported for working in binary file? \*

*Mark only one oval.*

- unpickle
- pickle
- pickling
- unpickling

18. The syntax of seek() is: file\_object.seek(offset [, reference\_point]). \_\_\_\_\_ value of reference\_point indicate end of file \*

*Mark only one oval.*

- 0
- 1
- 2
- 3

19. Which of the following items are present in the function header? \*

*Mark only one oval.*

- function name
- parameter list
- return value
- Both A and B

20. Which of the following function headers is correct? \*

*Mark only one oval.*

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

21. Which of the following would you relate to a function call made with an argument passed as its parameter? \*

*Mark only one oval.*

- function invocation
- pass by value
- pass by reference
- pass by name

22. Which of the following is not a function of csv module? \*

Mark only one oval.

- readline()
- writerow()
- reader()
- writer()

23. Which of the following is not true about binary files? \*

Mark only one oval.

- Binary files are store in terms of bytes
- When you open binary file in text editor will show garbage values
- Binary files represent ASCII value of characters
- All of the above

24. Which of these about a dictionary is false? \*

Mark only one oval.

- The values of a dictionary can be accessed using keys
- The keys of a dictionary can be accessed using values
- Dictionaries may or may not be ordered
- None of the above

25. What is output for  $-2 * 2 ** 3$  \*

Mark only one oval.

- 12
- 64
- 16
- 35

26. Which of the following statements are true? \*

Mark only one oval.

- 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

27. What is the output of the following program? \*

```
L = list('123456')
L[0] = L[5] = 0
L[3] = L[-2]
print(L)
```

Mark only one oval.

- [0, '2', '3', '4', '5', 0]
- ['6', '2', '3', '5', '5', '6']
- ['0', '2', '3', '5', '5', '0']
- [0, '2', '3', '5', '5', 0]

28. What is output of `33 == 33.0` \*

Mark only one oval.

- False
- True
- 33
- None of the above

29. What is the result of executing the following code? \*

```
number = 5
while number <= 5:
    if number < 5:
        number = number + 1
    print(number)
```

Mark only one oval.

- The program will loop indefinitely
- The value of number will be printed exactly 1 time
- The while loop will never get executed
- The value of number will be printed exactly 5 times

30. What is the output of the following? \*

```
i = 1
while True:
    if i % 007 == 0:
        break
    print(i)
    i += 1
```

Mark only one oval.

- 1 2 3 4 5 6.
- 1 2 3 4 5 6 7.
- error.
- None of these

31. What is the output of the following program? \*

```
L1 = []
L1.append([1, [2, 3], 4])
L1.extend([7, 8, 9])
print(L1[0][1][1] + L1[2])
```

Mark only one oval.

- Type Error: can only concatenate list (not "int") to list
- 12
- 11
- 38

32. What will be the output of the following Python code? \*

```
def f1(a,b=[]):
    b.append(a)
    return b

print(f1(2,[3,4]))
```

Mark only one oval.

- [3,2,4]
- [2,3,4]
- Error
- [3,4,2]

33. What is the output? Y=[2,5J,6] Y.sort() \*

Mark only one oval.

[2,6,5J]

[5J,2,6]

Error

[6,5J,2]

34. What will be the output of the following program ? \*

```
tuple=("Check")*3  
print(tuple)
```

Mark only one oval.

Unexpected

(3Check)

CheckCheckCheck

Syntax Error

35. What is the output of the following program? \*

```
L = list('123456')  
L[0] = L[5] = 0  
L[3] = L[-2]  
print(L)
```

Mark only one oval.

[0, '2', '3', '4', '5', 0]

['6', '2', '3', '5', '5', '6']

['0', '2', '3', '5', '5', '0']

[0, '2', '3', '5', '5', 0]



36. Choose the answer for statement 1 \*

```
import _____ # Statement 1
rec = [ ]
while True:
    rn = int(input("Enter"))
    nm = input("Enter")
    temp = [rn, nm]
    rec.append(temp)
    ch = input("Enter choice (Y/N)")
    if ch.upper == "N":
        break
f = open("stud.dat", "_____") #statement 2
_____.dump(rec, f) #statement 3
_____.close() # statement 4
```

Mark only one oval.

- csv
- unpickle
- pickle
- load

37. Write the output of the First Print statements : \*

```
f=open("data.txt",'w')
f.write("Hello")
f.write("Welcome to my Blog")
f.close()
f=open("data.txt",'r')
d=f.read(5)
print(d) # First Print Statement
f.seek(10)
d=f.read(3)
print(d) # Second Print Statement
f.seek(13)
d=f.read(5)
print(d) # Third Print Statement
d=f.tell()
print(d) # Fourth Print Statement
```

Mark only one oval.

- Hello
- Hell
- ello
- None of the above

38. Ram opened a file in a certain mode. After opening the file, he forgot the mode. The interesting facts about that mode are " If the file doesn't exist, then a new file will be created" and "After opening file in that mode the file handle will be at the end of the file" Help him to identify the correct mode. \*

Mark only one oval.

- read mode  
 write mode  
 append mode  
 binary and read mode

39. What is the output of the following code \*

```
def outerFun(a, b):  
    def innerFun(c, d):  
        return c + d  
    return innerFun(a, b)
```

```
res = outerFun(5, 10)  
print(res)
```

Mark only one oval.

- 15  
 Syntax Error  
 (5, 10)  
 (10,5)

40. What is the output of `print(2 * 3 ** 3 * 4)` \*

Mark only one oval.

- 216  
 864  
 312  
 112

41. What will be printed when the following code executes? \*

```
def test(a, b = 5):  
    print(a, b)  
  
test(-3)
```

Mark only one oval.

- 3, b
- a, 5
- 3, 5
- 3 5

42. What value is printed when the following code is executed? \*

```
name = "Jane Doe"  
def myFunction(parameter):  
    value = "First"  
    value = parameter  
    print (value)  
  
myFunction("Second")
```

Mark only one oval.

- value
- Second
- parameter
- First

43. What will be the output of the following Python code? \*

```
x = 50
def func(x):
    print('x is', x)
    x = 2
    print('Changed local x to', x)
func(x)
print('x is now', x)
```

Mark only one oval.

`x is 50  
Changed local x to 2  
x is now 50`

`x is 50  
Changed local x to 2  
x is now 2`

`x is 50  
Changed local x to 2  
x is now 100`

-

None of the above

44. What will be the output of the following snippet? \*

```
f = None
for i in range (5):
    with open ("data.txt", "W") as f:

        if i > 2:
            break
print (f.closed)
```

Mark only one oval.

True

False

None

Error

Raj Kuntal is collecting data of criminal persons and the prize money on them with their location. He is storing/retrieving data from a file CRIMINAL.CSV. It consists some records (sno, name, money, location). He has written the following code in python. As a programmer, you have to help him to successfully execute the program.

```

import _____ # Line 1
def addRecord(Lst) # Line 2
    f=open("CRIMINAL.CSV", ___ ) # Line 3
    obj=csv.writer(f)
    obj.writerow(Lst)
    _____ # Line 4

def ShowRecord():
    with open("CRIMINAL.CSV", "r") as file:
        obj=csv._____(file) # Line 5
        for rec in obj:
            print(rec[0], "#", rec[2])

Criminal_1=[1,'XYZ', 500, 'Jaipur']
Criminal_2=[2,'PQRYZ', 1500, 'Bharatpur']

addRecord(Criminal_1)
addRecord(Criminal_2)
ShowRecord() # Line 6

```

45. Which module should be imported in Line 1? \*

Mark only one oval.

- pickle
- csv
- file
- text

46. Which symbol is missing in Line 2? \*

Mark only one oval.

- ::
- ,
- @
- :

47. Which statement will be written at Line 4? \*

Mark only one oval.

- f.close
- obj.close()
- f.close()
- obj.close

48. Which function to be used in Line 5 to read the data from a csv file. \*

*Mark only one oval.*

- read()
- readline()
- readlines()
- reader()

49. Which file mode to be passed to add new record in Line 3? \*

*Mark only one oval.*

- a
- w
- w+
- wb

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