Rajalakshmi Engineering College

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Batch: 2028

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NeoColab_REC_CS23221_Python Programming

REC_Python_Week 6_MCQ

Attempt: 1 Total Mark: 20 Marks Obtained: 13

Section 1: MCO

1. Fill the code to in order to read file from the current position.

Assuming exp.txt file has following 3 lines, consider current file position is beginning of 2nd line

Meri,25 beginning of 2nd line

Meri,25

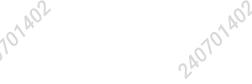
John,21

Raj,20

Ouptput:

['John,21\n','Raj,20\n']

f = open("exp.txt", "w+")



Answer

1) f.seek(0, 2)2) f.readlines()

Status: Wrong Marks: 0/1

2. What is the purpose of the except clause in Python?

Answer

To handle exceptions during code execution

Status: Correct Marks: 1/1

3. What happens if no arguments are passed to the seek function?

Answer

file position is set to the start of file

Status: Wrong Marks: 0/1

4. What will be the output of the following Python code?

```
# Predefined lines to simulate the file content
lines = [
    "This is 1st line",
    "This is 2nd line",
    "This is 3rd line",
    "This is 4th line",
    "This is 5th line"
]

print("Name of the file: foo.txt")

# Print the first 5 lines from the predefined list for index in range(5):
    line = lines[index]
    print("Line No %d - %s" % (index + 1, line.strip()))

Answer
```

Status: Correct Marks: 1/1

5. Which clause is used to clean up resources, such as closing files in Python?

Answer

finally

Status: Correct Marks: 1/1

6. What is the difference between r+ and w+ modes?

Answer

in r+ the pointer is initially placed at the beginning of the file and the pointer is at the end for w+

Status: Correct Marks: 1/1

7. What is the output of the following code?

```
try:
    x = 1 / 0
except ZeroDivisionError:
    print("Caught division by zero error")
finally:
    print("Executed")
```

Answer

Caught division by zero errorExecuted

Status: Correct Marks: 1/1

- 8. Match the following:
- a) f.seek(5,1) i) Move file pointer five characters behind from the current

position

- b) f.seek(-5,1) ii) Move file pointer to the end of a file
 - c) f.seek(0,2) iii) Move file pointer five characters ahead from the current position
 - d) f.seek(0) iv) Move file pointer to the beginning of a file

Answer

a-iii, b-i, c-iv, d-ii

Status: Wrong Marks: 0/1

9. Which of the following is true about the finally block in Python?

Answer

The finally block is always executed, regardless of whether an exception occurs or not

Status: Correct Marks: 1/1

10. Which of the following is true about

fp.seek(10,1)

Answer

Move file pointer ten characters ahead from the current position

Status: Correct Marks: 1/1

11. What is the default value of reference_point in the following code?

file_object.seek(offset [,reference_point])

Answer

0

Status: Correct

Marks : 1/1

12. What happens if an exception is not caught in the except clause? Answer The program will display a traceback error and stop execution Status: Correct Marks: 1/1 13. Fill in the code in order to get the following output: Output: Name of the file: ex.txt fo = open(____(1), "wb") print("Name of the file: ", Answer 1) "ex.txt"2) fo.name() Status: Wrong Marks: 0/1 14. How do you rename a file? Answer os.set_name(existing_name, new_name) Status: Wrong 15. What is the output of the following code? class MyError(Exception): pass try: raise MyError("Something went wrong") print(e) except MyError as e:

Answer Something went wrong Status: Correct Marks: 1/ 16. What is the correct way to raise an exception in Python? Answer raise Exception() Status: Correct Marks: 1/1 17. How do you create a user-defined exception in Python? **Answer** By creating a new class that inherits from the Exception class Status: Correct Marks: 1/1 18. Fill in the blanks in the following code of writing data in binary files. import _____(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","_

Answer

(pickle,w,pickle,r)

_____.dump(rec,f)(3)

____.close()(4)

19. What is the output of the following code? try: Marks: 0/1 x = "hello" + 5except TypeError: print("Type Error occurred") finally: print("This will always execute") **Answer** Type Error occurredThis will always execute Status: Correct Marks: 1/ 20. What will be the output of the following Python code? f = None for i in range (5): with open("data.txt", "w") as f: if i > 2: break print(f.closed) Answer None of the mentioned options Status: Wrong Marks: 0/1

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