Rajalakshmi Engineering College

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NeoColab_REC_CS23221_Python Programming

REC_Python_Week 6_MCQ

Attempt : 1 Total Mark : 20 Marks Obtained : 19

Section 1: MCQ

1. 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+

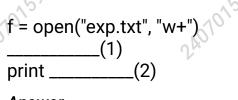
Status: Correct Marks: 1/1

2. What is the output of the following code?

try:
 x = "hello" + 5
except TypeError:
 print("Type Error occurred")
finally:

```
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      print("This will always execute")
Answer
    Type Error occurredThis will always execute
    Status: Correct
                                                                        Marks: 1/1
    3. 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
Displays Output
    Status: Correct
                                                                        Marks : 1/1
    4. 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)")
    oif ch.upper=="N":
        break
    f.open("stud.dat","
                                   _")(2)
              \_.dump(rec,f)(3)
               .close()(4)
    Answer
    (pickle,wb,pickle,f)
    Status: Correct
                                                                       Marks: 1/1
    5. What is the output of the following code?
    class MyError(Exception):
      pass
    try:
      raise MyError("Something went wrong")
    except MyError as e:
      print(e)
    Answer
    Something went wrong
    Status: Correct
    6. 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
    John,21
    Raj,20
    Ouptput:
[John,21\n','Raj,20\n']
```



Answer

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

Status: Correct Marks: 1/1

7. How do you rename a file?

Answer

os.rename(existing_name, new_name)

Status: Correct Marks: 1/1

8. 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

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

Answer

finally

Status: Correct Marks: 1/1

10. 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

11. What is the correct way to raise an exception in Python?

Answer

raise Exception()

Status: Correct Marks: 1/1

12. 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

13. 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
```

True

Status: Correct Marks: 1/1

14. 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: Correct Marks: 1/1

15. What happens if an exception is not caught in the except clause?

Answer

The program will display a traceback error and stop execution

Marks : 1/1 Status: Correct

- 16. 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-ii, d-iv

Status: Correct Marks: 1/1

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

Answer

error

Status: Wrong

18. 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

19. 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

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

Answer

To handle exceptions during code execution

Status: Correct Marks: 1/1

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