

## Chapter 1:- Review of Python

Mks-40

Date :- 26/6/2021

Q1. Answer the following (any 10)

10mks

1. Identify the arithmetic operator

a. Or    b. +    c. ==    d. And

2. Identify the function to calculate length of two strings

a. cmp    b. len    c. str    d. abs

3. it is enclosed in parenthesis

a. String    b. List    c. Tuple    d. Dictionary

4. what is an script mode.

5. The \_\_\_\_\_ function returns the maximum element from the list

a. len()    b. cmp()    c. max()    d. random()

6.in which year python was developed?

7. what will be the output of the following program

```
print(7+7797)
```

8. what is the use of print() method?

9. which operator cannot be used on string

a. +    b. \*    c. -    d. all of the above

10. log() function belongs to which module?

11. Give two examples of tuple?

Q2. Predict the output of the following (any 5)

5mks

1. `d=[90,78,79]`

`for i in d :`

`print(i)`

2. `str1="Computer"`

`print(str1[:-3])`

3. `a="paper"`

`print(len(str(a)))`

4. `for i in range(2,20,2):`

`print(i)`

5. `i=1`

`while(i<10):`

`print(i)`

`i+=1`

6. `a="file"`

`print(a.isupper())`

Q3. Identify the error in the following code :-

10 mks

1. `y=0`

`while(l<0)`

`print(x)`

2. `for t in range(1,10,: )`

```
print("t")
```

3. `u=[n,m,]`

```
Print(U)
```

4. `p=0`

```
print(p*3)
```

5. `n=7`

```
print(y/3)
```

Q4. Rewrite the following for loop into while loop (any 3)

3mks

1. `for i in range(2,8,1):`

```
print(i)
```

2. `for i in range(1,10,3):`

```
print(i)
```

3. `for i in range(5, 10,1):`

```
print(i+1)
```

4. `for i in range(1,8):`

```
print(i)
```

Q5. Rewrite the while loop into For loop (any 2)

2mks

1. `i=0`

```
while(i<10):
```

```
print(i)
i=i+1
```

```
2. i=1
while(i<30):
    print(i)
    i=i+1
```

```
3. i=2
while(i<=9):
    print(i)
```

Q6. Answer the following questions (any 3)

6 mks

1. what is a list slice? Give example?
2. What do you mean by function overloading? Give example?
3. What is concatenation of string? Give Example?
4. What is sequence statements? Give example?

Q7. Case study questions

4mks

riya wants to work on `string str="Good morning"` . Guide her to find the specific method to get the output. write proper answer with method. `str2="Hello"` .

- a. To check whether string contains alphabets.
- b. To check whether the string is in lowercase
- c. To check whether the string is numeric
- d. To compare two string .