

## Test Series -1

Time: 40 min

M.Marks: 25

**Topics:** If Condition,Loops,Tokens,Operators,Data Types,String,List ,Tuple

**Q1 Rewrite the following code in python after removing all syntax error(s). Underline each correction done in the code** [2]

```
fee=250
0=i
while fee=<2000:
    if fee<=750:
        print(fee)
        fee=+250
    else:
        print(("fee*i)
        i=i+1
        fee=Fee+250
```

**Q2 What is the problem with the following code fragment:** [1]

```
a=30
b=a+b
print(a and b)
```

**Q3 Find output** [1]

```
x=10
x=x+10
x=x-5
print(x)
x,y=x-2,22
print(x,y)
```

**Q4 Write a code to Display “My Name Is James” as “My\*\*Name\*\*Is\*\*James”** [1]

**Q5 Evaluate the following expression:** [1+1]

- (a)  $12*3\%5+2**6//4$
- (b)  $10>5$  and  $7>12$  or not  $18>3$

**Q6 Identify the invalid variable name and specify the reason.** [1]

Place   Cut\_1   12A   A#b   A1 b

**Q7 Identify the variable name, variable type, value and operator used in the following statement**

**[2]**

```
>>> x = 9
```

**Q8 max() function works in a list which have all values of same data type.(T/F)**

**[1/2]**

**Q9 Write the output of the following**

**[1]**

```
print("A#B#C#D#E".replace("#","?"))
```

**Q10 Write a python to count the total number of digits from a string entered by the user.**

**[2]**

**Q11 Write the output of the following**

**[1]**

```
print(len("\\\\\\\\//"))
```

**Q12 Suggest appropriate function for the following task –**

**[1/2]**

To convert the first letter of a string to upper case.

**Q13 Write a program to check whether a number(accepted from user) is present in a list.**

**[2]**

**Q14 Write the output of the following:**

**[1]**

```
a=("reeta","Meena","reena","Sheena")
```

```
print(a.index("Meena")+4//3**2)
```

**Q15 What is the length of the tuple shown below?**

**[1/2]**

```
T = (((("a", 1), "b", "c"), "d", 2), "e", 3)
```

**Q16 How are Tuples different from Lists when both are sequences?**

**[1]**

**Q17 Write the name of all data types supported by python.**

**[1]**

**Q18 What is the significance of pass statement in Python programming**

**[1]**

**Q19 Which operator is used to compare the memory locations of two objects.**

**[1/2]**

**Q20 What is the difference between assignment and arithmetic assignment operator?**

**[1]**

**Q21 Which of the following are valid escape sequences:**

**[2]**

```
\xhh    \oo    \ooo    \000    \xhhh    \vt    \\    \"    \c
```