I.   **SECTION A**

1. The first line of Python code can't have an indentation. Say True or False

2. Which of the following expression is not allowed in if statement

    a) arithmetic expression   b) relational expression   c) logical expression   d) none

3.   x=['P' , ' y' , 't' , 'h' , 'o' , 'n']

    for i in x:

        print(i,end='')

    a) P   b) python   c) P y t h o n   d) PYTHON

     Ans: c

4. Function range(3) is equivalent to :

    a) range(1,3)   b) range(0,3)   c) range(0,3,1)   d) range(1,3,0)

    Ans: b or c

5. The else block of a loop will not get executed if a ……….statement has terminated the loop.

6. The range() function can only be used in ……… loops

7. The in and not in operators are also called as ………….

8. For a while loop, an equivalent for loop can always be written. Say True or   False.

9. The range() function generates a sequence of …………type

10. for is a ……. loop whereas while is a ……….loop

11. Name 2 repetition constructs

12. While loop is also known as ……………..

II.   **SECTION B**

  1. What is the difference between elif and else construct of if statement? (TB_Exercise Question)

  2. Define indentation.

  3. Purpose of range() in loop? (TB_Exercise Question)

  4. What is the difference between BREAK and CONTINUE statement?

  5. Exaplain about any 2 selection construts in python.

III. SECTION C (PROGRAMMMING)

1. What is the output for the following code?

```
i=1
while(i<=7):
    i*=2
print(i)
```

2. What is the output of the following loop?

```
for a in[1,4,7]:
        print(a)
        print(a*a)
```

3. Find error in the following code(if any) and correct code by rewriting code and underline the correction;-

Question1 :

```
x= int("Enter value of x:")
 for in range [0,10]:
        if x=y
                print( x + y)
        else:
                print( x-y)
```

Question 2 :

```
N=int("Enter value")
For in range(n):
        if i%2=0 :
                print(i)
        else
                continue
```

Question 3:

```
x=input("Enter your value of x)
For in range[0,10]:
        If x=y :
Print(x+y)
        Else
        print(x-y)
```

4. Rewrite the following code in python after removing all syntax error(s). Underline each correction done in the code.

```
250=Number
WHILE   Number<=1000:
        If  Number=>750
                print    (Number)
                Number=Number+100
        else
                print(   Number*2)
        Number=Number+50
```

5. Rewrite the following code in python after removing all syntax error(s). Underline each correction done in the code.

```
STRING=""WELCOME
NOTE""
 for S in range[0,8]:
        print (STRING(S))
```

6. Rewrite the following code in python after removing all syntax error(s). Underline each correction done in the code.

```
i==1
a=int(input("ENTER FIRST NUMBER"))
FOR i in range[1, 11];
print(a,"*=", i ,"=",a * i)
```

7. Find the output of following codes

```
i=1
while(i<5):
    print(i,end="")
    i=i*2
```

SECTION E (PROGRAMMMING)

1. Write a program to find the factorial (using while loop)
2. Program to check whether the given number is palindrome or not using while loop.
3. Write a program to print Fibonacci series using for loop.
4. Program to check whether the given number is prime or not .(TB Program 9.19)
5. Program to print the following pattern.(TB Topic 9.7.6)