BRIGHT INTERNATIONAL SCHOOL

Periodic Assessment-II   **Date: 08/01/2022**

Total Marks: 35   **STD 11: Computer Science**   **Time: 1.5 Hour**

General Instructions:
- **The question paper is divided into 4 Sections – A, B, C and D.**
- **Section A; consist of 5 Questions (1-5). Each question is of 1 Mark.**
- **Section B; consist of 7 Questions (6-12). Each question is of 2 Mark.**
- **Section C; consist of 2 Questions (13-14). Each question is of 3 Mark.**
- **Section D; consist of 2 Questions (15-16). Each question is of 5 Mark.**

Section: A

Q 1. Which of the following is an invalid relational operator in Python?

a. !=   b. ==   c. >=   d. <>

Q 2. print(3 != 4) will evaluates _____

a. True   b. False   c. Error   d. None of the above

Q 3. Which of the following is an assignment operator?

a. =   b. /=   c. *=   d. All of the above

Q 4. Which of the following is invalid logical operator?

a. and   b. or   c. not   d. xor

Q 5. Which operator returns remainder?

a. /   b. //   c. %   d. \\

Section: B

Q 6.   Identify the error in given code, make underline of it, and write the correct code.

```
5=x
i = = 0
while i < = x ;
    i =+ 2
    print(Output is, i)
```

Q 7.   Convert the given program in while loop.

```
for x in range(3, 8, 2):
        print(x)
```

Q 8. **What will be the output of the following python code?**

```
b, a = 50, 10
if b>60 or a<2:
            print(a // 4, b // 4)
            print(a / 2, b / 2)
else:
            print(a + 23, b - 23)
            print(a > 1, b < 3)
```

Q 9. **Write a program to generate the series 1,4,9,16,25 using for loop.**

Q 10. **Write a Program to find the minimum value out of entered 4 values.**

Q 11. **Write a program to print all the numbers that are divisible by 7 in between 13 to 72 numbers using for loop.**

Q 12. **Convert the following code into for loop.**

```
z=0

final=0
while z<=10:
    final+=z
    z=z+1
print(final)
```

Section: C

Q 13. **Write a python program to find the area and perimeter of a rectangle based on user choice.(If user types 1 then area is displayed and if 2 is typed, perimeter is displayed as output) [Area=L*B, Perimeter=2(L+B)]**

Q 14. **Write a program that takes name of student, marks (out of 100) of 3 subjects from user and calculate total marks, percentage and grade as per the following criteria:**

Percentage	Grade
>=85	A
<85 and >=60	B
<60 and >=35	C
<35	F

Section: D

Q 15. **Write a program to print N to M number in descending order, where N will be higher number than M** (Ex. For N=9 and M=4, answer should be 9 8 7 6 5 4)

   I.   Using for loop.

  II.   Using while loop.

Q 16. **Find output (Any Five)**

I.   for x in range(3,8):
        print(x)
	IV. for x in range(3, 8, 2):
	        print(x)

II.   num=4
    for a in range(1, 4):
        print(num, '*', a, '=', num*a)
	V. count=10
	    while count>1:
	        print(count)
	        count - = 3

III.   count = 0
    while count < 7:
        print(count)
        count += 2
	VI. for x in range(8,19):
	        if x % 3 == 0:
	            print(x)

ALL THE BEST