



## INDIAN SCHOOL MUSCAT

## FIRST PERIODIC TEST

## COMPUTER SCIENCE

CLASS: XI

Sub.Code: 083

Time Allotted: 50mts.

18.05.2023

Max .Marks: 20

**GENERAL INSTRUCTIONS:**

- (a) All questions are compulsory.  
(b) Programming language is Python.

1. Find out the invalid identifiers from the following: 1  
a) CBSE\_2023    b) dollar\$    c) 2Two    d) false
2. What will be the output of the following: 1  
a) 31//7    b) 19%4
3. Identify the data types of the following values given below: 1  
a) 6j    b) "91"
4. What do you mean by an escape sequence? Give one example. 1
5. What do you mean by comments in python? Give any one way to provide a comment. 1
6. What will be the sizes of the following constants: 1  
a) "b\a"    b) "Vamika\s"
7. What is the difference between = operator and == operator? 1
8. The following code is not giving the desired output. We want to input value as 15 and obtain output as 30. Could you pinpoint the problem? 1

```
num=input("Enter a number")  
result=num * 2  
print(result)
```

9. Find the output: 2
- ```
A = 3**2  
B = 2  
A += B  
B *= A  
print(A,B)
```
10. What do you mean by an implicit type conversion and an explicit type conversion? 2
11. What is the difference between a keyword and an identifier? Give one example of each. 2
12. Write a python program to input length and breadth of a rectangle and print the area and perimeter. 3
13. Write a python program to input Principal amount, Rate & Time and calculate Simple Interest and print it. (SI= (P\*R\*T)/100.0) 3



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- (a) All questions are compulsory.  
(b) Programming language is Python.

1. Write a python program to input temperatures of 7 days and then display average temperature of the week. 3
2. Write a python program to input length and breadth of a rectangle and print the area and perimeter. 3
3. What do you mean by an implicit type conversion and an explicit type conversion? 2
4. What is the difference between literals and identifiers? Give one example of each. 2
5. Find the output: 2  
  

```
X = 8  
Y = 2**2  
X /= Y  
Y += X  
print(X,Y)
```
6. Find out the valid identifiers from the following: 1  
a) Baisc\_Pay    b) 30Thirty    c) RollNo    d) Hello\$
7. What will be the output of the following: 1  
a) 58%8    b) 45//7

8. Identify the data types of the following values given below: 1  
a) True b) 14.0
9. What do you mean by an escape sequence? Give one example. 1
10. What is the difference between = operator and == operator. 1
11. What will be the sizes of the following constants: 1  
a) 'a' b) "Ria's"
12. What do you mean by comments in python? Give any one way to provide comment. 1
13. The following code is not giving the desired output. We want to input value as 20 and obtain output as 80. Could you pinpoint the problem? 1

```
A=input("Enter a number")  
B=A * 4  
print(B)
```



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**GENERAL INSTRUCTIONS:**

- (a) All questions are compulsory.  
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1. Find out the invalid identifiers from the following: 1  
a) Five5    b) #tag    c) Total    d) True
2. What will be the output of the following: 1  
a) 64//5    b) 29%6
3. Identify the data types of the following values given below: 1  
a) 8j    b) "False"
4. What will be the sizes of the following constants: 1  
a) "\\ "    b) "Tina's"
5. What is the difference between = operator and == operator. 1
6. How can you create multi-line strings in python? 1
7. What do you mean by an escape sequence? Give one example. 1
8. The following code is not giving the desired output. We want to input value as 10 and obtain output as 50. Could you pinpoint the problem? 1

```
N=input("Enter a number")  
ans= N * 5  
print(ans)
```

9. Find the output:

2

```
P = 5
Q = 2**2
P *= Q
Q += P
print(P,Q)
```

10. What is the difference between a keyword and an identifier? Give one example of each.

2

11. What do you mean by an implicit type conversion and an explicit type conversion?

2

12. Write a python program to input length and breadth of a rectangle and print the area and perimeter.

3

13. Write a python program to input Principal amount, Rate & Time and calculate Simple Interest and print it.  $(SI = (P \times R \times T) / 100.0)$

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