



INDIAN SCHOOL MUSCAT  
SECOND PERIODIC TEST

INFORMATICS PRACTICES

CLASS: XI

Sub.Code: 065

Time Allotted: 50mts.

19.11.2023

Max .Marks: 20

Roll no..... Name of the Student..... sec.....

**GENERAL INSTRUCTIONS:**

*Read the questions carefully before writing the answer*

*All the Questions are compulsory.*

*Questions based on Python List and Dictionaries.*

1. Define List with an example. 1
2. Write a python code to create the list which contains all the upper-case VOWELS. 1
3. Find the output of the following: 1  

```
L=[10,23,45,67]  
  
print(L[2])
```
4. Find the output 1  

```
L=[23,56,78,90,12]  
  
N=len(L)  
  
print(L(N-1))
```
5. Lists are mutable (True / False) 1
6. Find the output of the following: 1  

```
>>> list1 = ['Red','Green','Blue','Orange']  
  
>>>list1[2]="Brown"
```

```
>>>print(list1)
```

7. Explain the following operators used in list 1

(a) + (b) \*

8. Explain membership operators of List with an example. 1

9. Find the output of the following: 1

```
>>> list1 =['Red','Green','Blue','Cyan', 'Magenta','Yellow','Black']
```

```
>>> list1[2:6]
```

10. Explain the use of extend() with an example. 1

11. Write a python code to create a list which accepts any 20 elements from the user and replace all the elements divisible by 7 by zero and display the new list. 2

12. Write a python code to accept any 10 characters from the user and store it into the list then display all the upper case VOWELS from the LIST. 2

13. Define Dictionaries. 1

14. Write a python code to create the Dictionary named as DIC1 with the following key and values: 1

```
'Mohan':95,'Ram':89,'Suhel':92, 'Sangeeta':85
```

15. Define Key error. 1

16. Write a python code to add the following value to the dictionary named as DIC1 1

```
Dic1={"Eng":85,"Sci":90}
```

Add the new value "Mat" : 90

17. Find the output: 1

```
DIC1={"Martin":2000,"Scott":3000,"Rahul":5000}
```

```
print(DIC1.keys())
```

18. Create a dictionary named as "EVEN No", which contains even numbers between 1 and 10, where the key is decimal number and the values are the corresponding numbers in words. 1

\*\*\*END OF THE QUESTION PAPER\*\*\*



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**GENERAL INSTRUCTIONS:**

*Read the questions carefully before writing the answer*

*All the Questions are compulsory.*

*Questions based on Python List and Dictionaries.*

1. Define List with an example. 1
2. Write a python code to create the list which contains all the EVEN Numbers in between 50 and 60. 1
3. Find the output of the following: 1  

```
L=[45,23,68,67]  
  
print(L[3])
```
4. Find the output 1  

```
L=[23,56,12,90,78]  
  
N=len(L)  
  
print(L[N-1])
```
5. Lists are mutable (True / False) 1
6. Explain membership operators of List with an example. 1
7. Explain the following operators used in list 1  
(a) + (b) \*

8. Find the output of the following: 1
- ```
>>> list1 = ['Red','Green','Blue','Orange']  
>>>list1[3]="Brown"  
>>>print(list1)
```
9. Find the output of the following: 1
- ```
>>> list1 =['Red','Green','Blue','Cyan', 'Magenta','Yellow','Black']  
>>> list1[3:6]
```
10. Explain the use of extend() with an example. 1
11. Write a python code to accept any 10 characters from the user and store it into the list then display all the lower-case VOWELS from the LIST. 2
12. Write a python code to create a list which accepts any 20 elements from the user and replace all the elements divisible by 5 by one and display the new list. 2
13. Define Dictionaries. 1
14. Write a python code to create the Dictionary named as DIC1 with the following key and values: 1
- ```
'Manish':45,'Rahul':89,'Suhel':92, 'Sangeeta':85
```
15. What do you understand by the term "Key error"? 1
16. Write a python code to add the following value to the dictionary named as DIC1 1
- ```
Dic4={"Eng":85,"Sci":90}
```
- Add the new value "SST" : 90
17. Find the output: 1
- ```
DIC1={"Martin":2000,"Scott":3000,"Rahul":5000}  
print(DIC1.values())
```
18. Create a dictionary named as "ODD No", which contains even numbers between 1 and 10, where the key is decimal number and the values are the corresponding numbers in words. 1

\*\*\*END OF THE QUESTION PAPER\*\*\*