



INDIAN SCHOOL MUSCAT FIRST PERIODIC ASSESSMENT

COMPUTER SCIENCE

CLASS: XI

Sub. Code: 083

Time Allotted: 50 mts.

13.11.2019

Max. Marks: 20

GENERAL INSTRUCTIONS:

- All questions are compulsory.
- Programming language used : Python

1. What is the use of eval() function? 1
2. What is the difference between a string and a list? 1
3. How is append() function different from extend() function? 1
4. Write the output of the following code: 2

```
String1="Jack and Jill Went up the Hill"
print(String1[3:7])
print(String1[-6]);
print(String1.index("il"))
print(String1.replace("and","Jane"))
```
5. Name the methods(functions) used for the following:
 - i. To delete all values of a List.
 - ii. To arrange the elements of the list in ascending order.
 - iii. To count the number of characters in the string.
 - iv. To change the first character of the string in capital letter
6. Explain the ord() and chr() functions with example of each. 2
7. Explain the use of + operator in list. 1
8. Write the output for the following: 2

```
P= [20,17,-6,52,23,19]
S = 0
for x in range(len(P)):
    if x%2!=0:
        S=S+ P[x];
print("Sum =",S)
```
9. WAP that counts and displays number of alphabets, digits, uppercase letters, lowercase letters, spaces and other characters in the string entered. 2

10. Differentiate between upper() and isupper() functions. 2
11. Find the error(s) in the following code: 2
- ```
L1=22,44,2,30,12
L2={-2,6,89,34,0},
L3+L1=L2
L2.append()
```
12. WAP in Python to accept any ten numbers from the user in a list and display the maximum number along with its position. 2

**End of the Question Paper**



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1. What is the difference between a string and a list? 1
2. Differentiate between upper() and isupper() functions. 2
3. How is append() function different from extend() function? 1
4. Write the output of the following code: 2  
 String1="Jack and Jill Went up the Hill"  
 print(String1[2:6])  
 print(String1[-6]);  
 print(String1.index("il"))  
 print(String1.replace("and","Jane"))
5. WAP that counts and displays number of alphabets, digits, uppercase letters, lowercase letters, spaces and other characters in the string entered. 2
6. Find the error(s) in the following code: 2  
 L1=22,44,2,30,12  
 L2={-2,6,89,34,0},  
 L3+L1=L2  
 L2.append()
7. Explain the use of + operator in list. 1
8. Explain the ord() and chr() functions with example of each. 2
9. Name the methods(functions) used for the following: 2
  - iv. To delete all values of a List.
  - ii. To arrange the elements of the list in ascending order.
  - iii. To count the number of characters in the string.
  - iv. To change the first character of the string in capital letter
10. What is the use of eval() function? 1

11. Write the output for the following:

2

```
P= [20,17,-6,52,23,19]
```

```
S = 0
```

```
for x in range(len(P)):
```

```
 if x%2!=0:
```

```
 S =S+ P[x];
```

```
print("Sum = ",S)
```

12. WAP in Python to accept any ten numbers from the user in a list and display the maximum number along with its position.

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**End of the Question Paper**



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#### GENERAL INSTRUCTIONS:

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- Programming language used : Python

1. Explain the use of \* operator in list. 1
2. Explain the ord() and chr() functions with example of each. 2
3. What is the use of eval() function? 1
4. Write the output of the following code: 2  

```
String1="Humpty Dumpty Sat on a Wall"
print(String1[2:6])
print(String1[-6]);
print(String1.index("pty"))
print(String1.replace("pty","ry"))
```
5. WAP that counts and displays number of alphabets, digits, uppercase letters, lowercase letters, spaces and other characters in the string entered. 2
6. Find the error(s) in the following code: 2  

```
L1=22,44,2,30,12
L2={-2,6,89,34,0},
L3=L1-L2
L2.append()
```
7. What is the difference between a string and a list? 1
8. Differentiate between upper() and isupper() functions. 2
9. WAP in Python to accept any ten numbers from the user in a list and display the maximum number along with its position. 2
10. How is append() function different from extend() function? 1
11. Write the output for the following: 2  

```
P= [20,17,-6,52,23,19]
S = 0
for x in range(len(P)):
```

```
if x%2==0:
 S=S+ P[x];
print("Sum = ",S)
```

12. Name the methods(functions) used for the following:

2

- a) To count the number of characters in the string.
- b) To change the first character of the string in capital letter
- c) To delete all values of a List.
- d) To arrange the elements of the list in ascending order.

**End of the Question Paper**