



INDIAN SCHOOL AL WADI AL KABIR
Worksheet, 2020-21

Class: XI	SUB: COMPUTER SCIENCE	Date of Completion: 21.01.2021
Worksheet No:9	TOPIC: Practical Test Questions	Note: Try all practical questions on the python editor and write them in the record book

Q.1

Part -I 12

Develop a menu driven python program to perform the following tasks:

Choice	Tasks
1	To find the entered number NUM is a perfect number or not.
2	To find the sum of the given series $S = X^2/3! - X^4/5! + X^6/7! - \dots \dots X^N/(N+1)!$
3	Exit

Part- II Record Book 7

Part-III Viva Voce 3

Part-IV Mini project 8

Q.2

Part-I 12

Develop a menu driven python program to perform the following tasks:

Choice	Tasks
1	To illustrate shallow copying on a list L1.
2	To find the second largest in the given list.
3	Exit

Part- II Record Book 7

Part-III Viva Voce 3

Part-IV Mini project 8

Q.3

Part-I 12

Develop a menu driven python program to perform the following tasks:

Choice	Tasks
1	To create a dictionary D1 that holds name of student and his marks in 3 subjects. There are N number of students. Where name is the key. To display the name of that student who scored lowest mark(total mark)
2	In the given dictionary D2 swap the key and value and display the Dictionary after swapping.
3	Exit

Part- II Record Book 7

Part-III Viva Voce 3

Part-IV Mini project 8

Q.4

Part-I 12

Develop a menu driven python program to perform the following tasks:

Choice

Tasks

A

To input a string Str1 and determine whether it is a palindrome or not; convert the case of characters in the string Str1.

B

Input a tuple of elements, search for a given element in the tuple T1

C

Exit

Part- II Record Book 7

Part-III Viva Voce 3

Part-IV Mini project 8