



BOYS' HIGH SCHOOL AND COLLEGE
FIRST TERM EXAMINATION (2024-25)
ROBOTICS
CLASS – X

Estd. 1861

Time: 2:00 hrs

- Note: 1. All input must be taken by user at run time.
 2. Attempt ALL Questions

Set B

1. Write a Python program to check if a given string is a palindrome (Without using predefined functions).

Expected Output: For s = "racecar":

"racecar" is a palindrome

"MADAM" is a palindrome

2. Write a Python program to generate a list of squares of numbers from 1 to n.

Expected Output: For n = 5:

List of squares: [1, 4, 9, 16, 25]

