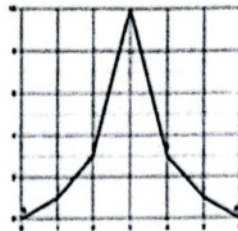




Class Test

Student ID: Program: B.Sc. in CSE Semester: Spring-2025
 Course Code: CSE Course Title: Algorithm Section: 66_H Date:
 Class Test No: 01 Teacher's Signature:

- Suppose you have a data composition like the diagram given below, theoretically which algorithm would be best to find a given element's presence in the data composition? Do you think you can implement the proposed algorithm practically? Justify your answer.



- For the given elements below choose an appropriate algorithm to sort the elements in descending order. Show the simulation also justify your choice:

8 9 2 12 15 78 22 50 51 53