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Daffodil International University

Class Test

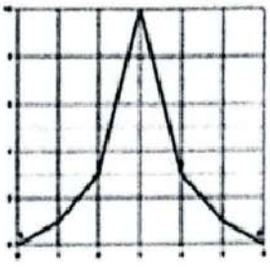
Student ID: ..... Program: B.Sc. in CSE Semester: Spring-2025

Course Code: CSE Course Title: Algorithm Section: 66_H Date: .....

Class Test No: 01 Teacher's Signature: .....

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1. 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.



2. 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