

SECTION-E

9) **Write briefly :**

- a) Explain Binary Search.
- b) Discuss Graph Coloring.
- c) Explain Tree representation using Array.
- d) What do you mean by Modular Arithmetic?
- e) Explain linear search.
- f) What do you mean by divide and conquer?
- g) Explain Hamiltonian cycles using example.
- h) Discuss Big-O Notation.
- i) Explain NP hard Problems.
- j) Explain different types of Graphs.

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