AISSMS
INSTITUTE OF INFORMATION TECHNOLOGY
ADDING VALUE TO ENGINEERING

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Approved by AICTE, New Delhi and Recognised by Govt. of Maharashtra
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Department of Computer Engineering

Academic Year : 2025-26	
SUBJECT: **Discrete Mathematics**	
CLASS: SY	SEMESTER: III
ASSIGNMENT NO.: 2	DATE OF SUBMISSION:

Q. No.	Question	Marks	Learning Level	CO	PO	PSO
1.	Explain Binary Search Tree (BST) with a suitable example. Construct a Binary Search Tree using the following elements: K, T, B, N, R, D, F, U, A, G, O, S	6	Apply	4	1,5	1,3
2.	Consider the two graphs, G1 and G2, below. Determine whether or not G1 and G2 are isomorphic. If they are isomorphic, give a function g:V(G1) -> V(G2) that defines the isomorphism. If they are not, explain why they are not.	4	Apply	4	1,5	1,3

Farhana Kazi Sayed   Dr.K.S.Wagh

Name & Sign of Subject In-charge   **HoD**