



# MALLA REDDY UNIVERSITY

SoE - B.Tech Common for CSE / IT / IoT

II Year - I Semester

Subject: Discrete Mathematics

Subject Code: MR22-1BS0107

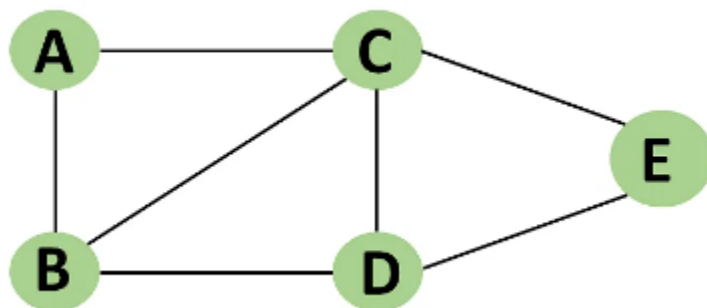
Total Marks: 2X5 =10

## Assignment-III

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1. Using Python, find the solution of  $a_n - 3a_{n-1} - 4a_{n-2} = 0$  for  $n \geq 2$ .

2. Use the Python program to find the DFS for the following graph.



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