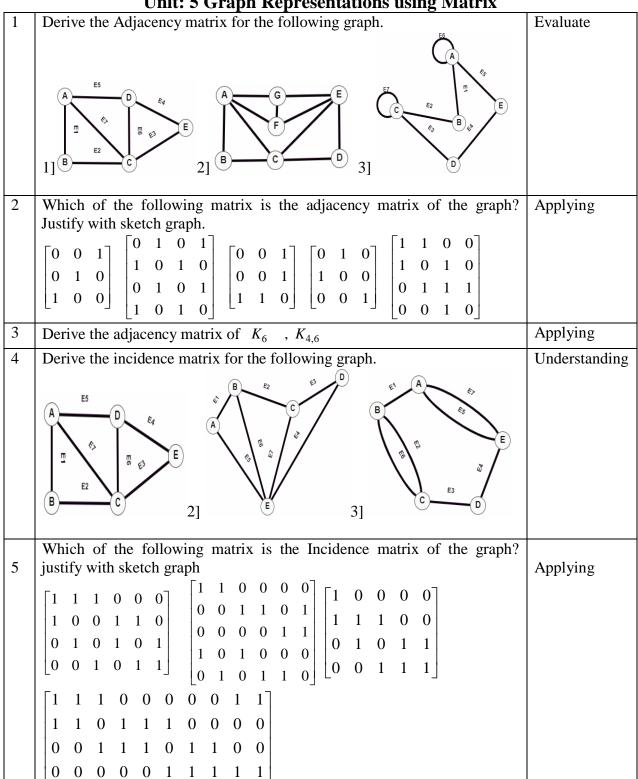


MARWADI UNIVERSITY **DEPARTMENT OF CE**

Subject: DM (01CE0409) SEM: 04 AY: 2023-24

Assignment: 5

Unit: 5 Graph Representations using Matrix





MARWADI UNIVERSITY DEPARTMENT OF CE

6	Derive the incidence matrix of K_5 , $K_{2,6}$	Applying
7	Define the cut sets and derive minimum 5 cut sets from following graph also draw the sketch of graph. A B C B C B C B C C C B C C	Evaluate
8	Define Fundamental cut sets and circuits and derive all fundamental cut sets and circuit for following graph. Part	Understanding
9	Define edge and vertex connectivity and justify which graph is a separable graph. e3 e9 e4 e8 e7 e1	Analyzing
11	Which of the following are Isomorphic?	Analyzing



MARWADI UNIVERSITY DEPARTMENT OF CE

