

Class Test 1 (Syllabus: Unit 1): 10/09/2026

Q. 1 Find a graph of the network shown in Fig. 1 and find the cut-set matrix (3 marks).

Q. 2 Find the current in every branch of the network shown in Fig. 2 using network equilibrium equations (4 marks).

Q. 3 Draw the graph of the network shown in Fig. 3 and develop the incidence and cut-set matrix. (3 marks)

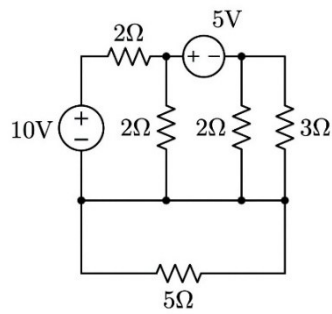


Fig. 1

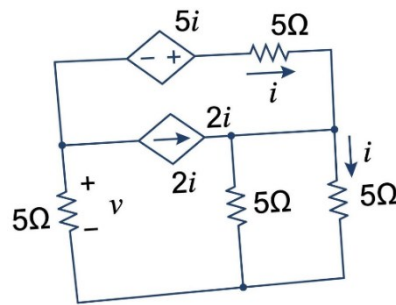


Fig. 2

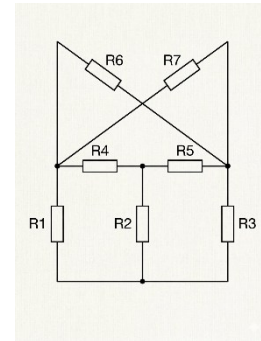


Fig. 3