

Minorz Class Test 1

Sep. 2021

Max. Marks : 10

MC 405
(Graph Theory)

Q1. Determine the number of edges in a graph with 6 vertices, 2 of degree 4 and 4 of degree 2. Draw two such graphs.

Q2. Does there exist a simple graph with seven vertices having degrees 1, 3, 3, 4, 5, 6, 6? If yes, draw the graph and if no then justify your answer.

Q3. Are the two graphs given below isomorphic? Justify your answer.

