
 KEMENTERI/ PENDIDIKAN MALAYSIA  POLITEKNIK MALAYSIA JABATAN MATEMATIK, SAINS DAN KOMPUTER		COURSE CODE/ COURSE NAME		DBM2033 DISCRETE MATHEMATICS	
		COURSEWORK ASSESSMENT		QUIZ 2	
		SESSION		DECEMBER 2018	
		DURATION	15 MINS	CLO1	
CLO2	10 MARKS				
CLO3					
NAME					
REGISTRATION NO.					
PROGRAMME/ SECTION		TOTAL MARKS		10 MARKS	

Instructions

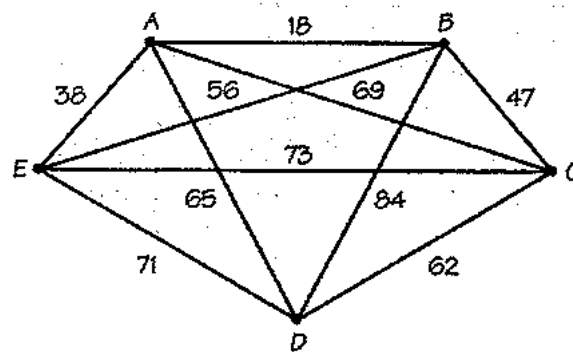
- Answer ALL questions. Write your answers in the spaces provided.
- Show your working to get marks. You may use a non-programmable scientific calculator.

Question 1

CLO2, C3

[5 marks]

Use Kruskal's algorithm to solve the minimum cost spanning tree on the following graph:



Question 2

CLO2, C3

[5 marks]

Is this bipartite graph? Explain your answer.

