

 KEMENTERIAN PENDIDIKAN MALAYSIA JABATAN MATEMATIK, SAINS & KOMPUTER		COURSE CODE / COURSE NAME		DBM2033 DISCRETE MATHEMATICS	
		COURSEWORK ASSESSMENT		QUIZ 2	
		SESSION		JUNE 2018	
NAME	Ian Kong Shi Ping	DURATION	20 minutes	CLO 2	
REGISTRATION NO.	050017F2626				
PROGRAMME/SECTION	0072B	TOTAL MARKS			

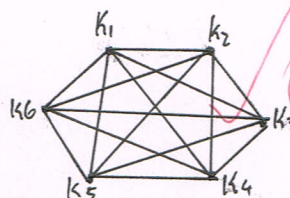
INSTRUCTION:

Answer all the questions.

Question 1 (CLO2, C3)

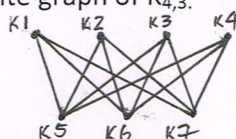
a) Sketch the following graph.

- i. A Complete graph of K_6 .
 $K_1, K_2, K_3, K_4, K_5, K_6$



(2 marks)

- ii. A complete bipartite graph of $K_{4,3}$.



(3 marks)

Question 2 (CLO2, C3)

a) Find and draw the minimum spanning tree by using Prim's Algorithm.

(5 marks)

