5	(a) Sol	ve the equation $\log_7(2x-3) = 2$	(2)
	(b) (i)	Factorise $2x \ln 3x - 4x - 4 \ln 3x + 8$	
	(ii)	Hence find the exact roots of the equation $2x \ln 3x - 4x - 4 \ln 3x + 8 = 0$	(5)

Question 5 continued			
(T-4-1 for O4: 5:- 7			
(Total for Question 5 is 7 marks)			

