Qq. K(A)= A A Ais singular, the K(A)=00.
(a). show that KolA)= 6 max/6 min. show also KplAB) = KplA) KplB
As it's shown in Q3 A _1 = 6 max. So $ A^{\dagger} _2 = \Sigma^{\dagger} _2 = \max \sqrt{[6'6]_{-6n}} 6' _{-6n} ^{\frac{1}{6}} = \min (6^{-1})_{max}$
: K24A) = 6max/6min = 6min
KP408)=11AB1/p118B5/1/p
= AB p B A p
As it's shown in B. MABILP = MAILPIBILP.
-'. AB p B'A' p \le A p B p B' p A' p
= A p A" p B" p
=Kp(A) Kp(B).
: KPLAB) < KPLA) KPLB)
(b). Kp(a) 1106/1P = 110/10/10/10/10/10/10/10/10/10/10/10/10/
SINCE: HABILE = HALLPHBILE = MOX MAXILE
HANTE - max
FPLA) HOUR > HOXIP