Q1:- U7-54 (Problems). Homework. state is and only if it is operating I Normally.

The System is repeating normally. The Kernel is functioning. the Kernel is not functioning vov the System is in interrupt mode. If the system is not in multipsed starte, They it is in interrupt mode. The System is not in interrupt mode. Solution: - let pz the System re in multiuser state 9,2 the System is Operating Narmaly To the Kend is functioning. S2 The System 13 in Intercept mode. U P = 7 fin 5 Sz F -6 Rum (9) & (6) PZT-(7) (2) 9, -76 z T 378 VS = TL form (613) YZP-(8) 97P75 = TV fr. (2,8) 92 PG (B) 75 ニTV Hom (1) Perg zī TCAP =T P 7 T.



Knave Knights. A Say's "B is a knight" B say's "the two of us are of opposite type!" Ais a Knight TPZA is a Knave. B is a Knight 79,2 B is a Known. XP179) V (7P19) P2 Ais a Knight 7P2 A is a Known 92 B is a Kuight 792 B is a Known. CART: Knight, Knight. P2T TPZF 12T 792F (PATY) V(7PAQ)=T >> TzT -> (TAF) V(RAT) 2T FYPZT F # F CASE Not hold. Ais a Knight 7P2 - 15 a Grave

9,2 B is a Knight 79,2 B is a known.

, A ,B

CASQ: Knight, Knave. 9 2 T P2 T 7 P2 F (PATG) V(TPAQ)=F 92F 782T > FFT Not holds. CASEZ: Kname. Bright. PZF TPZT (PA-9) V(7PA9)=T 82T 792P > T 7 P Not holds. MSF4:- Ruove. Kname. /9, = P

P2P TPZT 928 792T

(PAT) V(TPAG) Z R P=12

-(FAT) V(TAF) 2F PYP 27 Holds.

Ar Knave. B 2 Chave.

CASE 2 holds. (Kname, laight)

AB l'ucondusive.

Bis a Knight.

Assume: - Right are liets.

Verane are truttful.

Book (55-59