KANISHK BHAT 20103233 BO lut: - 7 1. (A). Not * proposition, it's * command. B. Not a proposition, it's a quesistion (c). A proposition, it's false. (B). Not + proposition, it's true (E). A proposition, it's talse. (1). Not a propostion, it's true value depends on h 2 (A). I dishit buy a bettery ticket this week. (B) Fither I bought + lattery ticket this week or I won million dollar jackpot on friday (C). If I bought a lottery ticket this week then I want the million Lollar jackpot An Friday (1). I bought a lottery ticket this week \$4 w the villian tollar jackpot an friday.

(E). I bought a lattery ticket this week it
A only if I wan the william to lear jacket (F). I didn't by a tollery ticket this week, the I tidn't win the million dollar jackpot on (G). I didn't buy a lottony ticket this usek

A I didn't win the million. orelse I didn't buy a lottery ticket this well orelse I didn't buy one to won the million dollar jackfot con friday.

3. (A). & A 77 B. PATAY (c). 8-> P B1. P 17 7 12 (E) (P17) ->8 (J) (J) 4. (A). True (B). True (C) Fxlse (A). True 5. A. Your will get an A in this course if I would if you learn how to solve discrete mathematics problems. (B). You will be informed if and only if you send the (B). You are everythay.

(C) 'It sains if I only if ite + weekend they.

(D) You can see the weekend if I only if he is 6. (A. Converge: - It I stry home then it will show Contempositive: - If I font stay at home, the Inverge: - Af it doesn't snow tonight, then I will not stay home