Lec #3:- Implication. P - 9

Converse: 978

Contrapsitive: 79, 7 7P

Inverse: 7p -> 79.

Exq'- find Contrapositive, Inverse & Canoline of.

(the hometeam wins) whenever (it is raining).

Let \\ \betaz = \text{the brane team wins.} \\ \quad \quad \\ \quad \\ \quad \\ \quad \\ \quad \quad \\ \quad \quad \quad \\ \quad \quad \quad \quad \\ \quad \qquad \quad \quad \qquad \quad \quad \qquad \qq \quad

= 8 Wheneva of. q, 79.

Contrapositive 7p 7 79.

if the hometeam does not win then it is not vaining.

Converse: Hx.

Inverse'= HW.

11. Sessina 1"

Bi- Conditionali P 9 P = 9.

New Section 1 Page 1

Applications of propositional lagra.

1 System Specification.

2- fuzzies.

3- Searching.

System Specification:

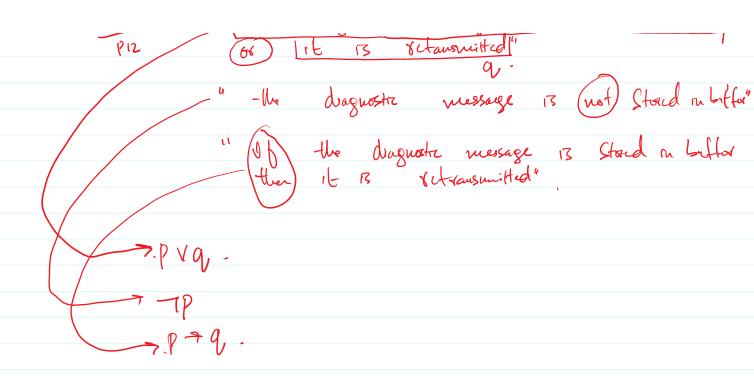
P:

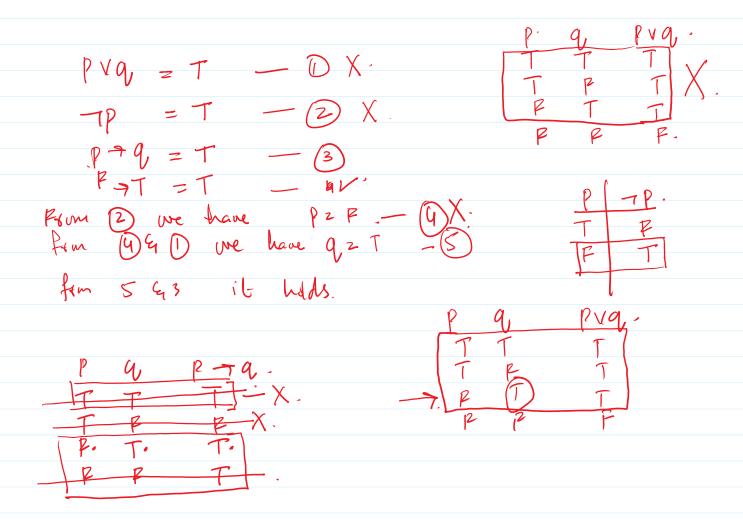
Ex15:- Mthe diagnostiz message is Stored in buffer

P12

Or Lit is retainmitted!"

Q:





EXIG. of the diagnostic message is Stored in buffer)

EXIG. of the diagnostic message is Stored in buffer of lit is retainmented! " - the diagnostic message 13 (not) Stored in Liffer" " (I) the diagnostic message 13 Stored in Lafter then it is vetransmitted". " The dispostre message 13 not octoansmitted". $P \vee q_1 = T - 0$ $\neg p = T - 2 X$ P = 9 = T - 3 79 2T - 9 X. from 2 PZP - (S)

from 2 P2P - S From 9 92P - 6 From 5,640 PYP +T.

HW P20 Ex 49-55

Ouiz#1 29-08-2023.

The glasses are on the Goffice table of it is wirder dook.

The glasses are not on the Coffee table.

ib the glasses are on the loffice table this it

13 Unside - the desk.

The glasses are luside the desk.

Whate are the glasses ?