lecture 2:- Op. operation. operands. Semantics. 1- Conjunction. PA9 AND Semantics P T P P PARA(VAS)) PAQ M) 79 VA -PA (QUAY). a v P z " Today is firday" find Conjunction?

9 z " Ut is raining". EKS [P4: PAQ = Today 13 briday and. It is raining. 9 z 3 = 5. 2 3 < 5 A 3 = 5 z 3 < 5

New Section 2 Page 1

Disjunction: PVq "OR" "Bilhor"

Somantics P 9, T T

U

P P

Juplication: 1 -79,

if I then q Dra

P>(q >~) HW.

P is sufficient for a. P 9 When p.

P T T

of (I win

election) Then lower taxes.

p2 2+326

92 It is fiday.

P = 9 = 7 9 = 1 = T

Bi- Carditima P <> 9.

" P 168 9".

T

You can take flight iff

P2 5 x 4 = 9 9= 2+3 × 6. 179

Implication.

P-9. K

9-79. 70-7P.

Converse: 9-7P.

p-q. p-79.

Converse: 97P.

Inverse: 7P779.

Contra Positive: 7977P.

p-79. p-779.

Try to find original Juplication.

- housese
- Canada.



