+ Venndiag ram Method Syllogism TICK, Cross Method, + statements are prennises EXT (1) . All dogs are Cats (ii) Au cats use dogs - Dogs is subject and cats is predicate - The word that occur in both is the middle Term. Standard Stortements 1) AU dogs are cats - o universal Assum 1 No dog is Cat - Universal Negative particular 3 some dogs are cats Particular Desome dogs are not cats. Affixmative Negative Universal Affirmative Universal Negative Pasticulas Assignative Pasticulas Negative means Distributive X - means undistributed.

Rule 1: -> Every deduction should contain three

Rule 2: The middle Term must be distributed at-least once in the Premises.

Rule3: » if one premises is regative, then
the Conclusion must also be negative
Rule 4: » if one premises is particular, then
the conclusion must also be particular.

Rule 5:- is both Premises are Negative, no conclusion can be drawn.

Rule 6: if both premises are particular, no Conclusion can be drawn

Rule 7: No term can be distributed in the conclusion, if it is not distributed in premises atleast once.

EXID AU dogs are cats

VA: AU Cats are Pigs

Conclusion: All dogs are pigs UA

DAU Pigs one dogs UA

A pigs one dogs UA

A pule 7 & violated can't be concluded

are dogs EX- UA: AU UA: All cats are pigs pridde Team : Position ditt hai. posn doesn't matter. X X Left here (after elimination of PA: (Some dogs are Pigs ? middle tesm) L'Some Pigs are dogs Varid AU dogs are costs 5x-3 17 Not distributed AU pigs are cars No conclusion " " 5x-@ Au costs are dogs UA some cars are Pigs PA conclusion: Rule: 4 & Some dogs are Pigs ? Valid some pigs are dogs conclusions Au dogs are cats UA (6x -C) No cars is Pig UN Rule3: Negative TON SON LIVN Rule 7: 3 No dog is Pig No pig is dog () adiabase out

B) AU dogs are cars PA; some Costs are pigs MT NOT distributed nence NO Conclusion. EX-0) UA AU dogs are cats PA: Some cars are pigs No conclusion: Because MT is not distributed. Ex 3 UA: AU cats are dogs PN: some cars are not pigs Rule 3 + Rule 4 D PN 4806 2 2 400 NA @ Some dogs are Not Pigs.
Some pigs are not dogs. No dogs are Cats Ex 0 No cats are pigs No conclusion. 200 100 100 MA No dogs are cats (6x-00) some cats are not Pigs No conclusion o