

Rebecca Dias
BE A (19)
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I-T AISC 2014, AT-1

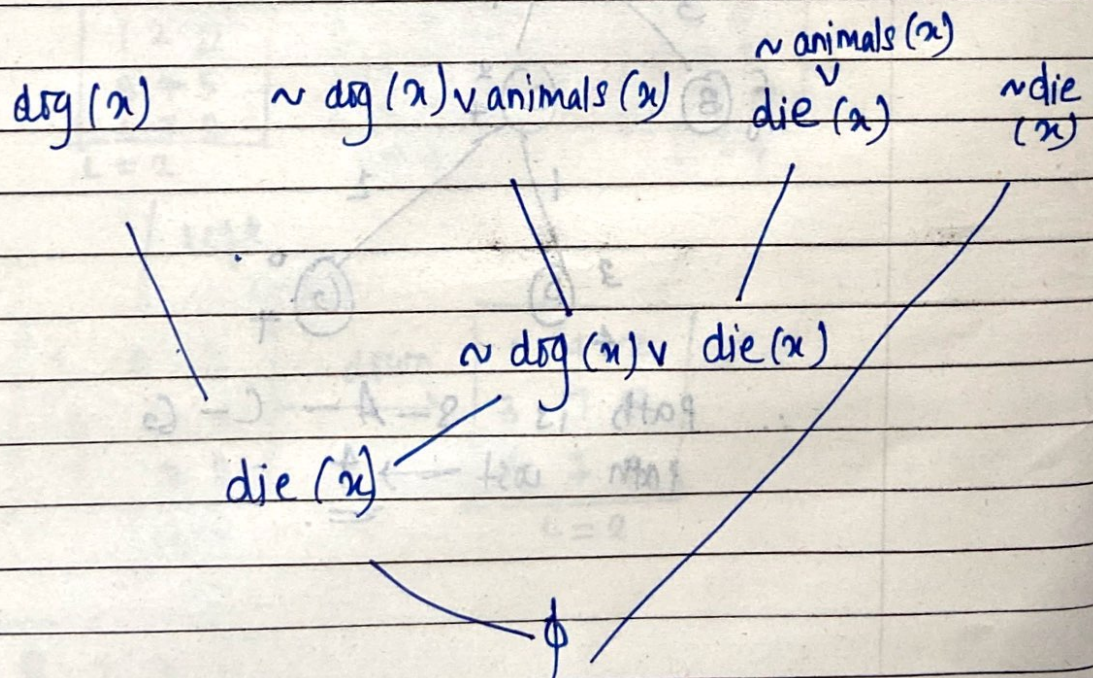
Q3] A]

$\text{dog}(\text{Fido}) \rightarrow \text{die}(\text{Fido})$
 $\forall x \text{ dog}(x) \rightarrow \text{animals}(x)$
 $\forall x \text{ animals}(x) \rightarrow \text{die}(x)$

converting to CNF

$\text{dog}(x)$
 $\sim \text{dog}(x) \vee \text{animals}(x)$
 $\sim \text{animals}(x) \vee \text{die}(x)$

TPT :- fido will die ~~$\sim \text{die}(\text{Fido})$~~
:- $\sim \text{die}(x)$



∴ Proved that fido will die.