

PHIL 225: SYMBOLIC LOGIC

FINAL REVIEW

POSSIBLE ANSWERS - 11

3)i)b

$\forall x \exists y \rightarrow Fxy$ is not a consequence (in fact its negation is)
Any model that makes all the premises true will do. Since
 $\forall x \forall y Fxy$ is a consequence, F will need to be $D \times D$.

E.g. : $D = \{0\}$
 $F = \{ \langle 0, 0 \rangle \}$