PHIC. 225 - SYMBOLIC LOGIC
FINAL REVIEW
POSSIBLE ANSWERS - 9

2b) Same lexicon as for 2a)

$S_1a \rightarrow \exists y(Ey \wedge Cyy)$
$\exists x S_1x$
$\forall x(Ex \rightarrow Fxx)$
$\therefore \exists x Fxx$

Not a consequence.
Let $D = \{0, 1\}$
$S_1 : \{1\}$
$E : \emptyset$
$F : \emptyset$
$C : \emptyset$
$a : 0$