

Question 1

Write the needed lexical categories and derive the logical forms of the following sentences:

- (a) Every man and John walks : $(\forall x.man'x \rightarrow walks'x) \wedge walks'j'$
- (b) Every woman who John loves walks : $\forall x.woman'x \wedge loves'xj' \rightarrow walks'x$.

This must be a strictly individual effort. Submit your answers to Erol.