

First order logic

Inference

(a) (1 point) The following two sentences

$$\forall x \, g(x) \Rightarrow (\exists t \, f(t) \wedge h(x, t))$$

$$\exists t \, f(t) \wedge (\forall x \, g(x) \Rightarrow h(x, t))$$

are

- A. Equivalent
- B. The first implied the second
- C. The second implied the first
- D. None of the others

Answer: C

Thank you!
Good luck on Final Exam