Philosophy 57 — Quiz # 5

(solutions posted 04/24/03)

3–Circle Venn Diagram Problems

Instructions. For each of the following three standard-Form Categorical Syllogisms, (1) First, complete the Venn Diagram for the premises (*i.e.*, represent the truth of both premises in the standard way), and then (2) say whether the argument is valid (*i.e.*, say whether the conclusion information is contained in the premise diagram, by circling the appropriate answer). **I recommend that you work the problems on scratch paper before recording your final answers below**.

Standard-Form Categorical Syllogism	Venn Diagram (of premises only)	Valid or Invalid? (Circle One)
Some M are P. Some S are not M. ∴ Some S are not P.		Valid / ⬚Invalid
All M are P. All M are S. ∴ All S are P.		Valid / ⬚Invalid
Some M are not P. All M are S. ∴ Some S are not P.		⬚Valid / Invalid