1. Which answer option is a correct statement about the following ASP program (in **Problem 1**)?

p

r 🡨 ¬p, q

This ASP program has exactly 1 stable model.

This ASP program is a non-definite program.

This ASP program is NOT a positive program.

This ASP program is unsatisfiable under propositional logic.

The answer is **A, B, C**.

2. Which answer option is a correct statement about the following ASP program (in **Problem 2**)?

p 🡨 q

q 🡨 ¬p

This ASP program is an unsatisfiable program.

This ASP program has one stable model.

This ASP program is a positive program.

This ASP program has no stable model but is satisfiable under propositional logic.

The answer is **A.**

1. Which answer option is a correct statement about the following ASP program (in **Problem 3**)?

p 🡨 p

p V q

The critical part of the propositional rule in the ASP program is the “p” in the body of the first rule.

This ASP program has exactly 1 stable model and is satisfiable under propositional logic.

This ASP program has exactly 2 stable models.

This ASP program is a definite program.

The answer is **C.**