RL Analysis Report — Executive Summary

Score: 4/20 (20.0%)

Correct by type: {'MCQ': 3, 'SHORT': 1, 'NUMERIC': 0, 'ESSAY': 0}

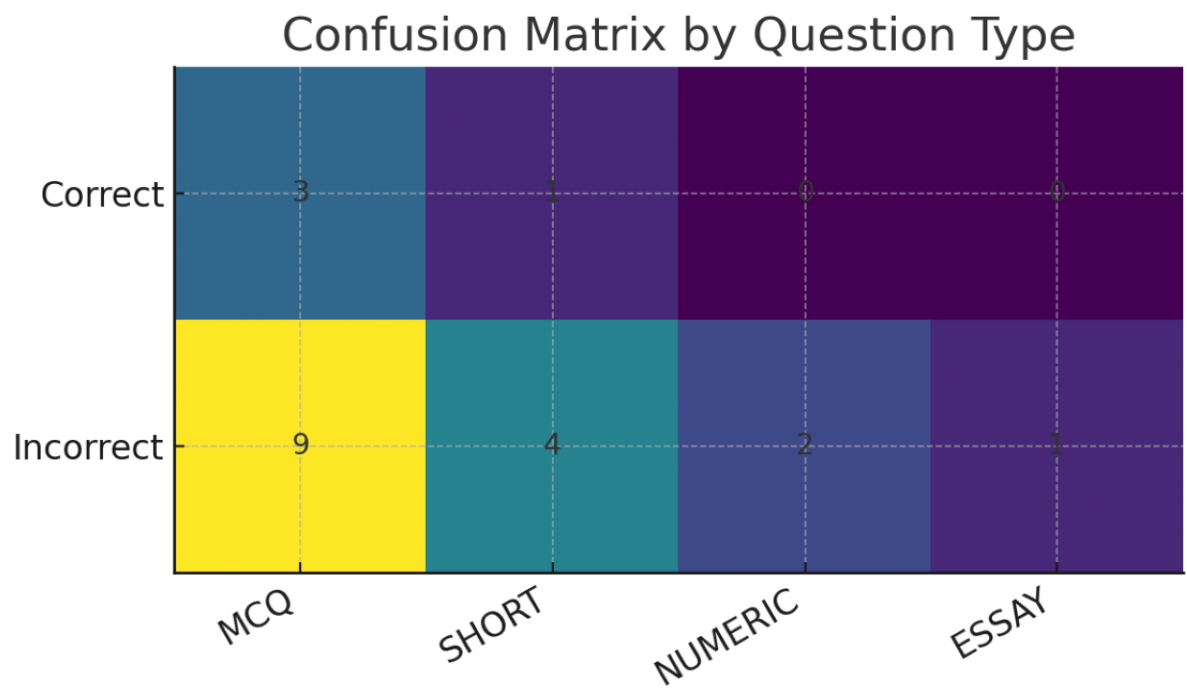Incorrect by type: {'MCQ': 9, 'SHORT': 4, 'NUMERIC': 2, 'ESSAY': 1}

Top Weak Topics:

   - MDP: 0.0% (0/2)

   - DP/MC/TD: 25.0% (1/4)

   - SARSA: 0.0% (0/1)

   - Exploration (ε-greedy): 0.0% (0/2)
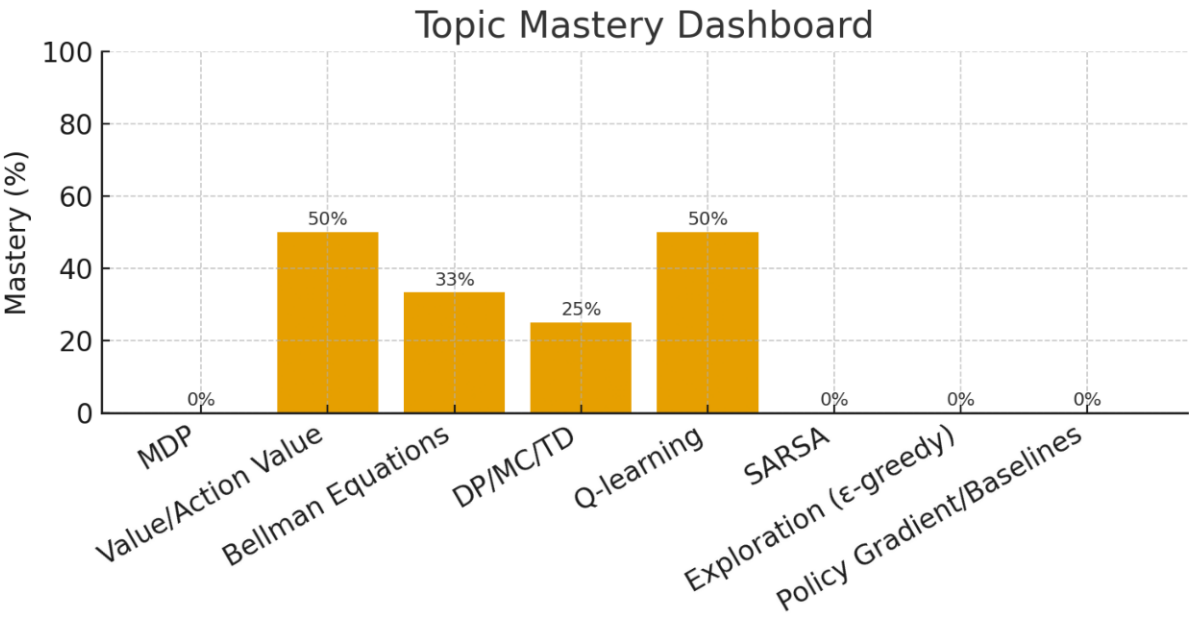
   - Policy Gradient/Baselines: 0.0% (0/2)

Recommendations:

   1) Rebuild fundamentals: MDP definitions, Bellman expectation/optimality.

   2) Contrast DP vs MC vs TD; practice TD targets and bootstrapping.

   3) Drill ε-greedy schedules; compare SARSA (on-policy) vs Q-learning (off-policy).

   4) Revisit policy-gradient with baselines and advantage (A=Q−V).

Confusion Matrix by Question Type

Topic Mastery

Recommended Learning Path

1. MDP
♥
2. Bellman Equations
♥
3. DP/MC/TD
♥
4. Exploration (ε-greedy)
♥
5. SARSA
♥
6. Policy Gradient/Baselines
♥
7. Value/Action Value
♥
8. Q-learning