

Solutions

2.1 Answer: B. Vivid, easily recalled examples inflate the judged frequency. The other options do not satisfy the stated defining conditions.

2.2 Answer: B. Similarity to the librarian prototype overrides the low base rate of librarians. Compare the exact process, design or evidence, rather than an associated keyword.

2.3 Use the worked case evidence to support a bounded claim and explain why a causal, universal or stronger claim needs additional evidence. The claim must fit the specific design and observed process.

3.1 Check its stated domain and guarantee, not the number of past successes. A heuristic may be useful without guaranteeing a solution; an algorithm may fail if applied outside its domain or implemented incorrectly. Re-read the constraints, represent the new problem and test alternative operations rather than repeat the old method mechanically. Award B1 each (authored) for the interpretation, its reasoning, a relevant limitation/alternative and an appropriate check, up to four points. Accept a different justified answer satisfying these demands.