1. Name the rule of inference that validates the following argument:

"If Ron's computer program is correct, then he'll be able to complete his computer science assignment in at most two hours. It takes Ron over two hours to complete his computer science assignment. Therefore Ron's computer program is not correct."

(3 points)

  A. Modus Ponens

✓ B. Modus Tollens

  C. Disjunctive Syllogism

  D. Conjunction

2. What type of argument is reflected in the narrative below?

"A sufficient condition for Sally to win the golf tournament is that her opponent Meg not sink a birdie on the last hole. Sally won the golf tournament. Therefore Meg did not sink a birdie on the last hole."

(3 points)
  A. Contradiction

  B. Inverse

✓ C. Converse

  D. Conjunction

3. Complete the following logic statement that represents the rule of inference known as *Modus Ponens*: $[p \wedge (p \rightarrow q)] \rightarrow$
(3 points)

A. p

✓ B. q

C. $p \vee q$ ("p or q")

D. $\neg q$ ("not q")