

ANSWERS TO PRACTICE EXERCISES

1. B (contrapositive reasoning)
2. D (fallacy of inverse)
3. A (disjunctive syllogism)
4. D (fallacy of converse)
5. D (fallacy of inverse)
6. B (transitive reasoning/direct reasoning)
7. C (contrapositive reasoning)
8. D (fallacy of converse)
9. D (false chain)
10. A (transitive reasoning)
11. A (direct reasoning)
12. C (contrapositive reasoning)
13. A (transitive or direct reasoning)
14. D (false chain)
15. B (transitive reasoning)
16. C (transitive reasoning)
17. B (transitive reasoning)
18. C (contrapositive reasoning)
19. A (transitive reasoning)
20. C (transitive reasoning)
21. C (disjunctive syllogism)

17. (Adapted from Lewis Carroll) No promise-breakers are trustworthy. All wine-drinkers are communicative. If you aren't a promise-breaker then you are honest. All pawnbrokers are wine-drinkers. Communicative people are trustworthy.

- A. All pawnbrokers are untrustworthy.
- B. If you aren't honest then you aren't a pawnbroker.
- C. If you aren't a promise-breaker then you are communicative.
- D. None of these is warranted.

18. If I sell some of my books then I'll pay the rent. I didn't pay the rent.

- A. Some of my books are sold.
- B. All of my books are sold.
- C. None of my books is sold.
- D. None of these is warranted.

19. If you wear dark glasses then you look mysterious. If you wear dark socks with sandals then you look dorky. If you look dorky then you don't look mysterious.

- A. If you wear dark socks with sandals then you don't wear dark glasses..
- B. If you look dorky then you wear dark glasses.
- C. If you don't wear dark glasses then you wear dark socks with sandals.
- D. None of these is warranted.

20. If your house has termites, then you can't sell it. If your house has passed inspection then you can sell it.

- A. If you can sell your house, then it has passed inspection.
- B. If your house doesn't have termites then it has passed inspection.
- C. If your house has passed inspection then it doesn't have termites.
- D. None of these is warranted.

21. All of my classes are cancelled or some of my plans are cancelled. None of my plans is cancelled.

- A. Some of my classes aren't cancelled.
- B. None of my classes is cancelled.
- C. All of my classes are cancelled.
- D. None of these is warranted.

