

Fall 2004 Midterm II answers

1. d
2. c
3. d
4. c
5. b
6. a
7. NOTE: This topic is not included in Math141 SP05 midterm II.
8. a
9. c
10. d
11. a. NOTE: This topic is not included in Math141 SP05 midterm II.
12. d
13. c. NOTE: The topics in parts a) and d) are not included in Math141 SP05 midterm II.
- 14-16. NOTE: The concept of absolute and conditional convergence is not included in Math141 SP05 midterm II. However, you should be able to test these series for convergence/divergence.
 14. Converges (Conditionally).
 15. Converges (Absolutely).
 16. Diverges.
17. a) converges to 1; b) converges to 0; c) converges to 0;
d) diverges.
18. Diverges.