

PMATH 12 - MIDTERM - PRACTICE QUESTIONS

Answer Section

MULTIPLE CHOICE

1. ANS: D	DIF: Moderate	REF: 1.1 Dividing a Polynomial by a Binomial
2. ANS: C	DIF: Moderate	REF: 1.1 Dividing a Polynomial by a Binomial
3. ANS: D	DIF: Moderate	REF: 1.1 Dividing a Polynomial by a Binomial
4. ANS: D	DIF: Easy	REF: 1.2 Factoring Polynomials
5. ANS: D	DIF: Moderate	REF: 1.2 Factoring Polynomials
6. ANS: C	DIF: Easy	REF: 1.3 Graphing Polynomial Functions
7. ANS: C	DIF: Easy	REF: 1.4 Relating Polynomial Functions and Equations
8. ANS: D	DIF: Moderate	REF: 1.4 Relating Polynomial Functions and Equations
9. ANS: D	DIF: Easy	REF: 1.5 Modelling and Solving Problems with Polynomial Functions
10. ANS: D	DIF: Moderate	REF: 2.1 Properties of Radical Functions
11. ANS: B	DIF: Easy	REF: 2.2 Math Lab: Graphing Rational Functions
12. ANS: C	DIF: Easy	REF: 2.2 Math Lab: Graphing Rational Functions
13. ANS: A	DIF: Moderate	REF: 2.2 Math Lab: Graphing Rational Functions
14. ANS: B	DIF: Easy	REF: 2.1 Properties of Radical Functions
15. ANS: B	DIF: Moderate	REF: 2.1 Properties of Radical Functions
16. ANS: A	DIF: Easy	REF: 2.3 Analyzing Rational Functions
17. ANS: D	DIF: Easy	REF: 2.3 Analyzing Rational Functions
18. ANS: C	DIF: Moderate	REF: 2.3 Analyzing Rational Functions
19. ANS: B	DIF: Moderate	REF: 2.3 Analyzing Rational Functions
20. ANS: B	DIF: Easy	REF: 2.4 Sketching Graphs of Rational Functions
21. ANS: B	DIF: Moderate	REF: 2.4 Sketching Graphs of Rational Functions
22. ANS: A	DIF: Moderate	REF: 2.4 Sketching Graphs of Rational Functions
23. ANS: B	DIF: Easy	REF: 3.1 Translating Graphs of Functions
24. ANS: B	DIF: Easy	REF: 3.1 Translating Graphs of Functions
25. ANS: B	DIF: Moderate	REF: 3.1 Translating Graphs of Functions
26. ANS: A	DIF: Moderate	REF: 3.2 Reflecting Graphs of Functions
27. ANS: B	DIF: Moderate	REF: 3.2 Reflecting Graphs of Functions
28. ANS: A	DIF: Easy	REF: 3.3 Stretching and Compressing Graphs of Functions
29. ANS: A	DIF: Moderate	REF: 3.3 Stretching and Compressing Graphs of Functions
30. ANS: A	DIF: Moderate	REF: 3.4 Combining Transformations of Functions
31. ANS: A	DIF: Easy	REF: 3.3 Stretching and Compressing Graphs of Functions
32. ANS: C	DIF: Easy	REF: 3.4 Combining Transformations of Functions
33. ANS: B	DIF: Easy	REF: 3.5 Inverse Relations
34. ANS: D	DIF: Easy	REF: 3.5 Inverse Relations
35. ANS: C	DIF: Easy	REF: 3.5 Inverse Relations
36. ANS: D	DIF: Moderate	REF: 4.1 Combining Functions Graphically
37. ANS: D	DIF: Easy	REF: 4.2 Combining Functions Algebraically
38. ANS: B	DIF: Easy	REF: 4.2 Combining Functions Algebraically

39. ANS: D	DIF: Easy	REF: 4.2 Combining Functions Algebraically
40. ANS: A	DIF: Moderate	REF: 4.2 Combining Functions Algebraically
41. ANS: B	DIF: Easy	REF: 4.3 Introduction to Composite Functions
42. ANS: D	DIF: Easy	REF: 4.3 Introduction to Composite Functions
43. ANS: B	DIF: Easy	REF: 4.3 Introduction to Composite Functions
44. ANS: B	DIF: Easy	REF: 4.4 Determining Restrictions on Composite Functions
45. ANS: D	DIF: Moderate	REF: 4.4 Determining Restrictions on Composite Functions