Pre-Calculus 12 - Chapter 1 Review

Answer Section

MULTIPLE CHOICE

1. **ANS:** C   **PTS:** 1   **DIF:** Average   **OBJ:** Section 1.1
   NAT: RF2   **TOP:** Horizontal and Vertical Translations
   KEY: vertical translation

2. **ANS:** D   **PTS:** 1   **DIF:** Easy   **OBJ:** Section 1.1
   NAT: RF2   **TOP:** Horizontal and Vertical Translations
   KEY: horizontal translation

3. **ANS:** A   **PTS:** 1   **DIF:** Average   **OBJ:** Section 1.1
   NAT: RF2   **TOP:** Horizontal and Vertical Translations
   KEY: horizontal translation

4. **ANS:** B   **PTS:** 1   **DIF:** Average   **OBJ:** Section 1.1
   NAT: RF2   **TOP:** Horizontal and Vertical Translations
   KEY: horizontal translation | vertical translation

5. **ANS:** A   **PTS:** 1   **DIF:** Easy   **OBJ:** Section 1.2
   NAT: RF5   **TOP:** Reflections and Stretches   **KEY:** reflection

6. **ANS:** A   **PTS:** 1   **DIF:** Easy   **OBJ:** Section 1.1
   NAT: RF5   **TOP:** Reflections and Stretches   **KEY:** reflection

7. **ANS:** C   **PTS:** 1   **DIF:** Easy   **OBJ:** Section 1.2
   NAT: RF3 | RF5   **TOP:** Reflections and Stretches   **KEY:** vertical stretch | reflection

8. **ANS:** D   **PTS:** 1   **DIF:** Easy   **OBJ:** Section 1.2
   NAT: RF3 | RF5   **TOP:** Reflections and Stretches   **KEY:** horizontal stretch | reflection

9. **ANS:** A   **PTS:** 1   **DIF:** Average   **OBJ:** Section 1.2
   NAT: RF3 | RF5   **TOP:** Reflections and Stretches   **KEY:** graph | vertical stretch | reflection

10. **ANS:** A   **PTS:** 1   **DIF:** Average   **OBJ:** Section 1.2
    NAT: RF3 | RF5   **TOP:** Reflections and Stretches   **KEY:** graph | horizontal stretch | reflection

11. **ANS:** C   **PTS:** 1   **DIF:** Average   **OBJ:** Section 1.2
    NAT: RF3   **TOP:** Reflections and Stretches   **KEY:** invariant point

12. **ANS:** D   **PTS:** 1   **DIF:** Average   **OBJ:** Section 1.2
    NAT: RF3 | RF5   **TOP:** Reflections and Stretches   **KEY:** reflection | vertical stretch

13. **ANS:** D   **PTS:** 1   **DIF:** Easy   **OBJ:** Section 1.3
    NAT: RF4   **TOP:** Combining Transformations
    KEY: horizontal translation | vertical translation

14. **ANS:** C   **PTS:** 1   **DIF:** Difficult   **OBJ:** Section 1.3
    NAT: RF4   **TOP:** Combining Transformations
    KEY: horizontal stretch | horizontal translation

15. **ANS:** A   **PTS:** 1   **DIF:** Average   **OBJ:** Section 1.3
    NAT: RF4 | RF5   **TOP:** Combining Transformations
    KEY: graph | horizontal translation | vertical translation | reflection

16. **ANS:** C   **PTS:** 1   **DIF:** Average   **OBJ:** Section 1.3
    NAT: RF4   **TOP:** Combining Transformations
    KEY: graph | vertical translation | reflection

17. ANS: D   PTS: 1   DIF: Difficult   OBJ: Section 1.3
    NAT: RF4 | RF5   TOP: Combining Transformations
    KEY: graph | vertical translation | horizontal translation | stretch | reflection

18. ANS: C   PTS: 1   DIF: Average   OBJ: Section 1.3
    NAT: RF4 | RF5   TOP: Combining Transformations
    KEY: graph | vertical translation | horizontal translation | stretch | reflection

19. ANS: A   PTS: 1   DIF: Easy   OBJ: Section 1.4
    NAT: RF6   TOP: Inverse of a Relation
    KEY: inverse of a function | function notation

20. ANS: A   PTS: 1   DIF: Average   OBJ: Section 1.4
    NAT: RF6   TOP: Inverse of a Relation
    KEY: inverse of a function | function notation

21. ANS: C   PTS: 1   DIF: Average   OBJ: Section 1.4
    NAT: RF6   TOP: Inverse of a Relation
    KEY: inverse of a function | function notation

22. ANS: C   PTS: 1   DIF: Difficult +   OBJ: Section 1.4
    NAT: RF6   TOP: Inverse of a Relation
    KEY: inverse of a function | function notation | completing the square

23. ANS: D   PTS: 1   DIF: Average   OBJ: Section 1.4
    NAT: RF6   TOP: Inverse of a Relation   KEY: graph | inverse of a function

24. ANS: D   PTS: 1   DIF: Easy   OBJ: Section 1.4
    NAT: RF6   TOP: Inverse of a Relation   KEY: graph | inverse of a function

25. ANS: A   PTS: 1   DIF: Easy   OBJ: Section 1.4
    NAT: RF6   TOP: Inverse of a Relation
    KEY: inverse of a function | function notation