Choose the correct answer from the given four options:

1. Graphically, the pair of equations $6x-3y+10=0$, $2x-y+9=0$ represents two lines which are

  (A) intersecting at exactly one point.   (B) intersecting at exactly two points

  (C) coincident.   (D) parallel.

2. The pair of equations $x + 2y + 5 = 0$ and $-3x - 6y + 1 = 0$ have

(A) a unique solution   (B) exactly two solutions

(C) infinitely many solutions   (D) no solution

3. If a pair of linear equations is consistent, then the lines will be

  (A) parallel   (B) always coincident

(C) intersecting or coincident   (D) always intersecting

4. The pair of equations $y = 0$ and $y = -7$ has

(A) one solution   (B) two solutions

(C) infinitely many solutions   (D) no solution

5. The pair of equations $x = a$ and $y = b$ graphically represents lines which are

(A) parallel   (B) intersecting at (b, a)

(C) coincident   (D) intersecting at (a, b)

6. For what value of k, do the equations $3x - y + 8 = 0$ and $6x - ky = -16$ represent coincident lines?

(A) $\frac{1}{2}$ (B) $-\frac{1}{2}$

(C) 2   (D) 2

7. If the lines given by $3x + 2ky = 2$ and $2x + 5y + 1 = 0$ are parallel, then the value of k is

(A) $-\frac{5}{4}$ (B) $\frac{2}{5}$

(C) $\frac{15}{4}$ (D) $\frac{3}{2}$

8. The value Ofc for which the pair of equations cx—y = 2 and 3 will have infinitely many solutions is

(A)−3   (B) 3

(C) -12   (D) no value

9. One equation of a pair of dependent linear equations is —5x+ 7y = 2. The second equation can be

(A)10x +14y +4 = 0   (B) -10x -14y +4 = 0

(C) -10x +14y +4 = 0   (D) 10x -14y +4 = 0

10. A pair of linear equations which has a unique solution x = 2, y =—3 is

(A) x +y = -1   (B) 2x +5y = -11

    2x-3y =-5   4x+10y = -22

(C) 2x - y = 1   (D) x -4y - 14 = 0

    3x +2y = 0   5x-y 13 = 0

11. If x = a, y = b is the solution of the equations x —y = 2 and x + y = 4, then the values of a and b are, respectively

(A)3 and 5   (B) 5 and 3

(C) 3 and 1   (D) -1 and -3

12. Aruna has only Re 1 and Rs 2 coins with her. If the total number of coins that she has is 50 and the amount of money with her is Rs 75, then the number of Re I and Rs 2 coins are, respectively

 (A)35 and 15   (B) 35 and 20

(C) 15 and 35   (D) 25 and 25

13. The father 's age is six times his son's age. Four years hence, the age of the father will be four times his son's age. The present ages, in years, of the son and the father are, respectively

(A)4 and 24   (B) 5 and 30

(C) 6 and 36   **(D) 3 and 24**