

NCERT Exemplar Problem Solutions by Dev Anoop (Bathinda)

$$12. \quad (6a^2 - 7b + 5ab)(2ab) \\ = 12a^3b - 14ab^2 + 10a^2b^2 \quad (B)$$

$$13. \quad (3x - 4y)^2 \\ = (3x)^2 - 2 \times 3x \times 4y + (4y)^2 \\ = 9x^2 - 24xy + 16y^2 \quad (D)$$

$$14. \quad -5xyz^2, 7xyz^2 \quad (B)$$

$$15. \quad \text{coefficient of } y \text{ in } -\frac{y}{3} \text{ is } -\frac{1}{3} \quad (C)$$

$$16. \quad a^2 - b^2 = (a+b)(a-b) \quad (C)$$

$$17. \quad \text{common factor of } 17abc, 34ab^2, 51a^2b \\ \text{is } 17ab \quad (B)$$

$$18. \quad (9x - 7xy)^2 \\ = (9x)^2 - 2 \times 9x \times 7xy + (7xy)^2 \\ = 81x^2 - 126x^2y + 49x^2y^2 \quad (C)$$