Alphanumeric series – Basic

1. Find the next term in the series: A2, C4, E6, G8, ?

    a) J11
    b) H9
    c) G10
    d) I10

Ans) d

Explanation:

The series A2, C4, E6, G8, ? shows that the letters follow a pattern of skipping one letter (A, C, E, G, …) and the numbers increase by 2. The next letter after G is I and the next number is 10, so the term is I10.

2. Find the next term in the series: D4, F8, I12, M16, ?

    a) R20
    b) S20
    c) Q18
    d) T22

Ans) a

Explanation:

The series D4, F8, I12, M16, ?: The letters progress with increasing differences: D to F (+2), F to I (+3), I to M (+4). The next letter is obtained by adding 5 to M (M is 13; 13+5 = 18), which is R. The numbers increase uniformly by 4. Thus, 16 + 4 = 20. The term is R20.

3. Find the next term in the series: Z26, X24, V22, T20, ?

    a) S19
    b) Q17
    c) T18
    d) R18

Ans) d

Explanation:

The series Z26, X24, V22, T20, ? follows a pattern where both letters and numbers decrease by 2. The next letter after T (20th letter) is R (18th letter) and the number decreases to 18. Hence, the term is R18.

4. Find the next term in the series: T20, S18, Q16, O14, ?

    a) N13
    b) L11
    c) M12
    d) O14

Ans) a

Explanation:

The series T20, S18, Q16, O14, ? shows a pattern in numbers decreasing by 2 (20, 18, 16, 14) and in letters following a pattern: T, S, Q, O. The differences in letter positions yield the next letter M (13). The number decreases to 12. Thus, the term is M12.

5. Find the next term in the series: Z5, X10, V15, T20, ?

    a) S25

    b) T25

    c) Q24

    d) R25

Ans) d

Explanation:

The series Z5, X10, V15, T20, ?: The letters decrease by 2 (Z, X, V, T, ...) and the numbers increase by 5. The next letter is R (18th letter) and the number is 20 + 5 = 25. The term is R25.

6. Find the next term in the series: M12, P16, S21, W27, ?

    a) A34

    b) B35

    c) Z34

    d) Z34

Ans) a

Explanation:

The series M12, P16, S21, W27, ?: The numbers increase as 12, 16, 21, 27 with differences 4,5,6; so the next number is 27+7 = 34. The letters: M(13), P(16), S(19), W(23); differences: +3, +3, +4; next: 23+4 = 27, which wraps to A (27-26=1). Thus, the term is A34.