

Alphanumeric series – Adv

1. Find the next term in the series: D5, G9, K14, P20, ?

- a) U26
- b) V27
- c) W28
- d) T25

Ans) b

Explanation:

The letters: D (4), G (7), K (11), P (16) increase with differences of +3, +4, +5; hence the next letter is $16 + 6 = 22$ which corresponds to V.

The numbers: 5, 9, 14, 20 increase by 4, 5, 6; the next number is $20 + 7 = 27$. Thus, the next term is V27.

2. Find the next term in the series: M3, P6, S10, V15, ?

- a) X20
- b) Y21
- c) z22
- d) w21

Ans) b

Explanation:

The letters: M, P, S, V increase by 3 each time ($M \rightarrow P \rightarrow S \rightarrow V$); next letter: V
 $(22) + 3 = Y (25)$.

The numbers: 3, 6, 10, 15 increase by 3, 4, 5 respectively; the next number is
 $15 + 6 = 21$. Thus, the next term is Y21.

3. Find the next term in the series: F8, I12, M17, R23, ?

- a) X30
- b) W31
- c) X29
- d) Y30

Ans) a

Explanation:

The pattern in letters: F (6) to I (9) is +3, I to M (13) is +4, M to R (18) is +5,
so the next letter is R (18) + 6 = 24, which corresponds to X.

The numbers: 8, 12, 17, 23 have differences 4, 5, 6; next number is $23 + 7 =$
30. Hence, the answer is X30.

4. Find the next term in the series: Y5, W8, U12, S17, ?

- a) P22
- b) R24

c) Q22

d) Q23

Ans) d

Explanation:

The letters decrease by 2: Y (25) \rightarrow W (23) \rightarrow U (21) \rightarrow S (19); next letter is S - 2 = Q (17).

The numbers: 5, 8, 12, 17 increase by 3, 4, 5; next number is $17 + 6 = 23$.
Hence, the answer is Q23.

5. Find the next term in the series: E3, G6, J10, N15, ?

a) S21

b) T22

c) R20

d) Q19

Ans) a

Explanation:

The letters: E (5), G (7), J (10), N (14) increase by +2, +3, +4; the next letter is N (14) + 5 = S (19).

The numbers: 3, 6, 10, 15 increase by 3, 4, 5; the next number is $15 + 6 = 21$.
Thus, the answer is S21.

6. Find the next term in the series: L3, N7, Q12, U18, ?

- a) L4
- b) M5
- c) N5
- d) Z25

Ans) d

Explanation:

The letters: L (12), N (14), Q (17), U (21) increase by +2, +3, +4; next letter: U (21) + 5 = Z (26).

The numbers: 3, 7, 12, 18 increase by 4, 5, 6; next number: $18 + 7 = 25$. Thus, the answer is Z25.

7. Find the next term in the series: H9, J13, M18, Q24, ?

- a) V30
- b) V31
- c) U31
- d) W32

Ans) b

Explanation:

The letters: H (8), J (10), M (13), Q (17) increase by +2, +3, +4; next letter: Q (17) + 5 = V (22).

The numbers: 9, 13, 18, 24 increase by 4, 5, 6; next: $24 + 7 = 31$. Thus, the answer is V31.

8. Find the next term in the series: Z2, X5, V9, T14, ?

- a) Q19
- b) S21
- c) R20
- d) P20

Ans) c

Explanation:

The letters: Z (26), X (24), V (22), T (20) decrease by 2 each; next: $T (20) - 2 = R (18)$.

The numbers: 2, 5, 9, 14 increase by 3, 4, 5; next: $14 + 6 = 20$. Hence, the answer is R20.