

Odd Man Out Questions for Bank Exams Pdf

1. 4, - 8, 16, - 32, 64, (.....)

- a. 128
- b. -123
- c. 192
- d. -192 → b

Ans:

Each number is the preceding number multiplied by -2.

So, the required number is -128.

2. 5, 10, 13, 26, 29, 58, 61, (.....)

- a. 122
- b. 64
- c. 125
- d. 128 → a

Ans:

Numbers are alternately multiplied by 2 and increased by 3.

So, the missing number = $61 \times 2 = 122$.

3. 1, 4, 9, 16, 25, 36, 49, (.....)

- a. 54
- b. 56
- c. 64
- d. 81 → c

Ans:

Numbers are 1^2 , 2^2 , 3^2 , 4^2 , 5^2 , 6^2 , 7^2 . So, the next number is $8^2 = 64$.

4. 1, 8, 27, 64, 125, 216, (.....)

a. 354

b. 343

c. 392

d. 245 → b

Ans:

Numbers are 1^3 , 2^3 , 3^3 , 4^3 , 5^3 , 6^3 . So, the missing number is $7^3 = 343$.

5. 11, 13, 17, 19, 23, 29, 31, 37, 41, (.....)

a. 43

b. 47

c. 53

d. 51 → a

Ans:

Numbers are all primes. The next prime is 43.

6. 16, 33, 65, 131, 261, (.....)

a. 523

b. 521

c. 613

d. 721 → a

Ans:

Each number is twice the preceding one with 1 added or subtracted alternately. So, the next number is $(2 \times 261 + 1) = 523$.

7. 3, 7, 6, 5, 9, 3, 12, 1, 15, (.....)

- a. 18
- b. 13
- c. -1
- d. 3 → c

Ans:

There are two series, beginning respectively with 3 and 7. In one 3 is added and in another 2 is subtracted. The next number is $1 - 2 = -1$.

8. 15, 31, 63, 127, 255, (.....)

- a. 513
- b. 511
- c. 517
- d. 523 → b

Ans:

Each number is double the preceding one plus 1.
So, the next number is $(255 \times 2) + 1 = 511$.

9. 2, 6, 12, 20, 30, 42, 56, (.....)

- a. 60
- b. 64
- c. 72
- d. 70 → c

Ans:

The pattern is $1 \times 2, 2 \times 3, 3 \times 4, 4 \times 5, 5 \times 6, 6 \times 7, 7 \times 8$.
So, the next number is $8 \times 9 = 72$.

10. 8, 24, 12, 36, 18, 54, (.....)

a. 27

b. 108

c. 68

d. 72 \rightarrow a

Ans:

Numbers are alternately multiplied by 3 and divided by 2.

So, the next number = $54 / 2 = 27$.

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