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Number series Questions for SBI Clerk Pre, IBPS Clerk Pre and IBPS RRB Exams.

Number series Quiz 52

Directions : What will come in place of question mark (?) in the following series?

1. 9827 9706 9606 9525 9461 ?

A. 9520 B. 9421 C. 9412 D. 9425 E. None of these

2. 1991 1964 1900 1775 ?

A. 1569 B. 1625 C. 1659 D. 1595 E. None of these

3. 7 56 92 117 133 ?

A. 148 B. 138 C. 135 D. 147 E. None of these

4. 3 17 45 87 143 ?

A. 183 B. 163 C. 203 D. 213 E. None of these

5. 4 2 2 3 6 ?

A. 12 B. 15 C. 24 D. 18 E. None of these

6. 729 730 734 761 1017 ?

A. 4142 B. 2034 C. 3151 D. 3868 E. None of these

7. 512 256 256 384 768 ?

A. 1512 B. 1920 C. 1880 D. 1890 E. None of these

8. 0 2 28 93 217 ?

A. 432 B. 433 C. 434 D. 435 E. None of these

9. 125 126 130 139 155 180 ?

A. 216 B. 225 C. 210 D. 226 E. None of these

10. 1331 1431 1631 1931 2331 ?

A. 3431 B. 2831 C. 3131 D. 2531 E. None of these

Correct Answers:

1	2	3	4	5	6	7	8	9	10
C	E	E	D	B	A	B	C	A	B

Explanations:

1.

Series Pattern	Given Series
9827	9827
$9827 - 121 = 9706$	9706
$9706 - 100 = 9606$	9606
$9606 - 81 = 9525$	9525
$9525 - 64 = 9461$	9461
$9461 - 49 = 9412$	9412 ✓

Hence, option (C) is correct.

2.

Series Pattern	Given Series
1991	1991
$1991 - 3^3 = 1964$	1964
$1964 - 4^3 = 1900$	1900
$1900 - 5^3 = 1775$	1775
$1775 - 6^3 = 1559$	1559 ✓

Hence, option (E) is correct.

3.

Series Pattern	Given Series
7	7
$7 + 7^2 = 56$	56
$56 + 6^2 = 92$	92
$92 + 5^2 = 117$	117
$117 + 4^2 = 133$	133
$133 + 3^2 = 142$	142 ✓

Hence, option (E) is correct.

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4.

Series Pattern	Given Series
3	3
$3 + 14 \times 1 = 17$	17
$17 + 14 \times 2 = 45$	45
$45 + 14 \times 3 = 87$	87
$87 + 14 \times 4 = 143$	143
$143 + 14 \times 5 = 1697$	213 ✓

Hence, option (D) is correct.

5.

Series Pattern	Given Series
4	4
$4 \times 0.5 = 2$	2
$2 \times 1 = 2$	2
$2 \times 1.5 = 3$	3
$3 \times 2 = 6$	6
$6 \times 2.5 = 15$	15 ✓

Hence, option (B) is correct.

6.

Series Pattern	Given Series
729	729
$729 + 1^1 = 730$	730
$730 + 2^2 = 734$	734
$734 + 3^3 = 761$	761
$761 + 4^4 = 1017$	1017
$1017 + 5^5 = 4142$	4142 ✓

Hence, option (A) is correct.

07.

Series Pattern	Given Series
512	512
$512 \times (1/2) = 256$	256
$256 \times (2/2) = 256$	256
$256 \times (3/2) = 384$	384
$384 \times (4/2) = 768$	768
$768 \times (5/2) = 1920$	1920 ✓

Hence, option (B) is correct.

8.

Series Pattern	Given Series
0	0
$0 + (1^3 + 1) = 2$	2
$2 + (3^3 - 1) = 28$	28
$28 + (4^3 + 1) = 93$	93
$93 + (5^3 - 1) = 217$	217
$217 + (6^3 + 1) = 434$	434 ✓

Hence, option (C) is correct.

9.

Series Pattern	Given Series
125	125
$125 + 1^2 = 126$	126
$126 + 2^2 = 130$	130
$130 + 3^2 = 139$	139
$139 + 4^2 = 155$	155
$155 + 5^2 = 180$	180
$180 + 6^2 = 216$	216 ✓

Hence, option (A) is correct.

10.

Series Pattern	Given Series
1331	1331
$1331 + 100 = 1431$	1431
$1431 + 200 = 1631$	1631
$1631 + 300 = 1931$	1931
$1931 + 400 = 2331$	2331
$2331 + 500 = 2831$	2831 ✓

Hence, option (B) is correct.

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