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

Number series Quiz 53

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

1.   1240   1140   1019   875   706   ?

A. 428   B. 439   C. 510   D. 498   E. None of these

2.   0   10   47   129   274   ?

A. 480   B. 492   C. 488   D. 500   E. None of these

3.   70   82   106   142   190   ?

A. 240   B. 250   C. 235   D. 260   E. None of these

4.   121   120   124   115   131   ?

A. 106   B. 122   C. 98   D. 108   E. None of these

5.   243   81   54   54   72   ?

A. 110   B. 115   C. 120   D. 125   E. None of these

6.   32   35   64   71   104   ?   152

A. 110   B. 114   C. 115   D. 125   E. None of these

7.   4   20   29   38   47   56   ?

A. 65   B. 64   C. 66   D. 62   E. None of these

8.   9   24   69   204   609   ?

A. 1818   B. 1828   C. 1827   D. 1824   E. None of these

9.   582   751   555   724   528   ?

A. 699   B. 702   C. 697   D. 695   E. None of these

10.   14   33   71   128   204   ?

A. 289   B. 298   C. 225   D. 256   E. None of these

Correct Answers:

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

Explanations:

1.

Series Pattern	Given Series
1240	1240
$1240 - 10^2 = 1140$	1140
$1140 - 11^2 = 1019$	1019
$1019 - 12^2 = 875$	875
$855 - 13^2 = 706$	706
$706 - 14^2 = 510$	**510** ✓

Hence, option (C) is correct.

2.

Series Pattern	Given Series
0	0
$0 + (3^2 + 1) = 10$	10
$10 + (6^2 + 1) = 47$	47
$47 + (9^2 + 1) = 129$	129
$129 + (12^2 + 1) = 274$	274
$274 + (15^2 + 1) = 500$	**500** ✓

Hence, option (D) is correct.

3.

Series Pattern	Given Series
70	70
$70 + 12 = 82$	82
$82 + 24 = 106$	106
$106 + 36 = 142$	142
$142 + 48 = 190$	190
$190 + 60 = 250$	**250** ✓

Hence, option (B) is correct.

4.

Series Pattern	Given Series
121	121
$121 - 1^2 = 120$	120
$120 + 2^2 = 124$	124
$124 - 3^2 = 115$	115
$115 + 4^2 = 131$	131
$131 - 5^2 = 106$	**106** ✓

Hence, option (A) is correct.

5.

Series Pattern	Given Series
243	243
$243 \times (1/3) = 81$	81
$81 \times (2/3) = 54$	54
$54 \times (3/3) = 54$	54
$54 \times (4/3) = 72$	72
$72 \times (5/3) = 120$	**120** ✓

Hence, option (C) is correct.

6.
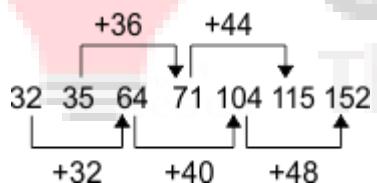
Hence, option (C) is correct.

07.

Series Pattern	Given Series
4	4
$4 \times 4 + 4 = 20$	20
$4 \times 6 + 5 = 29$	29
$4 \times 8 + 6 = 38$	38
$4 \times 10 + 7 = 47$	47
$4 \times 12 + 8 = 56$	56
$4 \times 14 + 9 = 65$	**65** ✓

Hence, option (A) is correct.

8.

Series Pattern	Given Series
9	9
9 + 15 = 24	24
24 + 15 × 3 = 69	69
69 + 15 × 3 × 3 = 204	204
204 + 15 × 3 × 3 × 3 = 609	609
609 + 15 × 3 × 3 × 3 × 3 = 1824	**1824** ✓

Hence, option (D) is correct.

9.

Series Pattern	Given Series
582	582
582 + 169 = 751	751
751 − 196 = 555	555
555 + 169 = 724	724
724 − 196 = 528	528
528 + 169 = 697	**697** ✓

Hence, option (C) is correct.

10.

Series Pattern	Given Series
14	14
14 + 19 = 33	33
33 + 19 × 2 = 71	71
71 + 19 × 3 = 128	128
128 + 19 × 4 = 204	204
204 + 19 × 5 = 299	**299** ✓

Hence, option (E) is correct.