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

Number series Quiz 28

Directions : What should come in place of Question mark (?) in the following Series.

1. 1 15 450 27000 324×10^4 ?

A. 7776×10^4 B. 776×10^5 C. 4866×10^4 D. 4866×10^5 E. None of these

2. 480 467 441 389 285 ?

A. 67 B. 77 C. 87 D. 97 E. None of these

3. 2 2 8 72 1152 ?

A. 25500 B. 2640 C. 24800 D. 28800 E. None of these

4. 15 17 26 54 119 ?

A. 260 B. 265 C. 245 D. 240 E. None of these

5. 9 32 75 144 245 ?

A. 364 B. 412 C. 424 D. 384 E. None of these

6. 121 110 88 44 -44 ?

A. -88 B. -132 C. -198 D. -220 E. None of these

7. 15 18 45 150 621 ?

A. 3129 B. 3135 C. 3132 D. 3138 E. None of these

8. 63 80 99 120 143 ?

A. 156 B. 168 C. 180 D. 186 E. None of these

9. 480 492 516 552 600 ?

A. 660 B. 192 C. 672 D. 636 E. None of these

10. 1 3 6 11 18 ?

A. 28 B. 29 C. 27 D. 26 E. None of these

Correct Answers:

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

Explanations:

1.

Series Pattern	Given Series
1	1
$1 \times 15 = 15$	15
$15 \times 30 = 450$	450
$450 \times 60 = 27000$	27000
$27000 \times 120 = 324 \times 10^4$	324×10^4
$324 \times 10^4 \times 240 = 7776 \times 10^5$	7776 $\times 10^5$ ✓

Hence, option (E) is correct.

2.

Series Pattern	Given Series
480	480
$480 - 13 = 467$	467
$467 - 26 = 441$	441
$441 - 52 = 389$	389
$389 - 104 = 285$	285
$285 - 208 = 77$	77 ✓

Hence, option (B) is correct.

3.

Series Pattern	Given Series
2	2
$2 \times 1 = 2$	2
$2 \times 4 = 8$	8
$8 \times 9 = 72$	72
$72 \times 16 = 1152$	1152
$1152 \times 25 = 28800$	28800 ✓

Hence, option (D) is correct.

4.

Series Pattern	Given Series
15	15
$15 + (1^3 + 1) = 17$	17
$17 + (2^3 + 1) = 26$	26
$26 + (3^3 + 1) = 54$	54
$54 + (4^3 + 1) = 119$	119
$119 + (5^3 + 1) = 245$	245 ✓

Hence, option (C) is correct.

5.

Series Pattern	Given Series
$3^2 \times 1 = 9$	9
$4^2 \times 2 = 32$	32
$5^2 \times 3 = 75$	75
$6^2 \times 4 = 144$	144
$7^2 \times 5 = 245$	245
$8^2 \times 6 = 384$	384 ✓

Hence, option (D) is correct.

6.

Series Pattern	Given Series
121	121
$121 - 11 = 110$	110
$110 - 22 = 88$	88
$88 - 44 = 44$	44
$44 - 88 = -44$	-44
$-44 - 176 = -220$	-220 ✓

Hence, option (D) is correct.

7.

Series Pattern	Given Series
15	15
$15 \times 1 + 3 = 18$	18
$18 \times 2 + 9 = 45$	45
$45 \times 3 + 15 = 150$	150
$150 \times 4 + 21 = 621$	621
$621 \times 5 + 27 = 3132$	3132 ✓

Hence, option (C) is correct.

8.

Series Pattern	Given Series
$7^2 + 7 \times 2 = 63$	63
$8^2 + 8 \times 2 = 80$	80
$9^2 + 9 \times 2 = 99$	99
$10^2 + 10 \times 2 = 120$	120
$11^2 + 11 \times 2 = 143$	143
$12^2 + 12 \times 2 = 168$	168 ✓

Hence, option (B) is correct.

9.

Series Pattern	Given Series
480	480
$480 + 12 = 492$	492
$492 + 24 = 516$	516
$516 + 36 = 552$	552
$552 + 48 = 600$	600
$600 + 60 = 660$	660 ✓

Hence, option (A) is correct.

10.

Series Pattern	Given Series
1	1
$1 + 2 = 3$	3
$3 + 3 = 6$	6
$6 + 5 = 11$	11
$11 + 7 = 18$	18
$18 + 11 = 29$	29 ✓

2, 3, 5, 7, 11 are the first prime numbers.

Hence, option (B) is correct.



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