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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 34

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

1. 11 12 39 164 507 ?

- A. 913 B. 1136 C. 1026 D. 1236 E. None of these

2. 120 145 ? 197 224 257

- A. 170 B. 168 C. 165 D. 171 E. None of these

3. 5 36 191 966 ? 24216

- A. 4641 B. 4841 C. 4024 D. 4421 E. None of these

4. 5000 1000 200 40 8 ?

- A. 2.3 B. 3.2 C. 0.8 D. 1.4 E. None of these

5. 144 153 171 207 279 ?

- A. 423 B. 411 C. 453 D. 397 E. None of these

6. 76 304 ? 43776 1094400 39398400

- A. 2736 B. 2959 C. 2498 D. 2659 E. None of these

7. 2 18 36 ? 98 146 188

- A. 60 B. 64 C. 68 D. 79 E. None of these

8. 94 99 108 119 130 ? 144

- A. 120 B. 125 C. 131 D. 139 E. None of these

9. 15 15 25 58.33 ? 641.66 2780.55

- A. 175 B. 180 C. 190 D. 210 E. None of these

10. 35 65 ? 725 3605 21605 151205

- A. 170 B. 185 C. 200 D. 215 E. None of these

Correct Answers:

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

Explanations:

1.

Series Pattern Given Series

11	11
$11 + 1^3 = 12$	12
$12 + 3^3 = 39$	39
$39 + 5^3 = 164$	164
$164 + 7^3 = 507$	507
$507 + 9^3 = 1236$	1236 ✓

Hence, option (D) is correct.

2.

Series Pattern Given Series

$(11^2 - 1) = 120$	120
$(12^2 + 1) = 145$	145
$(13^2 - 1) = 168$	168 ✓
$(14^2 + 1) = 197$	197
$(15^2 - 1) = 224$	224
$(16^2 + 1) = 257$	257

Hence, option (B) is correct.

3.

Series Pattern Given Series

5	5
$5 \times 5 + 11 = 36$	36
$36 \times 5 + 11 = 191$	191
$191 \times 5 + 11 = 966$	966
$966 \times 5 + 11 = 4841$	4841 ✓
$4841 \times 5 + 11 = 24216$	24216

Hence, option (B) is correct.

4.

Series Pattern Given Series

5000	5000
$5000 \div 5 = 1000$	1000
$1000 \div 5 = 200$	200
$200 \div 5 = 40$	40
$40 \div 5 = 8$	8
$8 \div 5 = 1.6$	1.6 ✓

Hence, option (E) is correct.

5.

Series Pattern Given Series

144	144
$144 + 9 = 153$	153
$153 + 18 = 171$	171
$171 + 36 = 207$	207
$207 + 72 = 279$	279
$279 + 144 = 423$	423 ✓

Hence, option (A) is correct.

6.

Series Pattern Given Series

76	76
$76 \times (2)^2$	304
$304 \times (3)^2$	2736 ✓
$2736 \times (4)^2$	43776
$43776 \times (5)^2$	1094400
$1094400 \times (6)^2$	39398400

Hence, option A is correct.

7.

Series Pattern Given Series

$2 + 2(7 + 1)$	18
$18 + 3(7 - 1)$	36
$36 + 4(7 + 1)$	68 ✓
$68 + 5(7 - 1)$	98
$98 + 6(7 + 1)$	146
$146 + 7(7 - 1)$	188

Hence, option C is correct.

8.

Series Pattern	Given Series
$94 - (2)^2 + 9$	99
$99 - (3)^2 + 18$	108
$108 - (4)^2 + 27$	119
$119 - (5)^2 + 36$	130
$130 - (6)^2 + 45$	139 ✓
$139 - (7)^2 + 54$	144

Hence, option D is correct.

9.

Series Pattern	Given Series
$15 \times 3 \div 3$	15
$15 \times 5 \div 3$	25
$25 \times 7 \div 3$	58.33
$58.33 \times 9 \div 3$	175 ✓
$175 \times 11 \div 3$	641.66
$641.66 \times 13 \div 3$	2780.55

Hence, option A is correct

10.

Series Pattern	Given Series
$35 \times 2 - 5$	65
$65 \times 3 - 10$	185 ✓
$185 \times 4 - 15$	725
$725 \times 5 - 20$	3605
$3605 \times 6 - 25$	21605
$21605 \times 7 - 30$	151205

Hence, option B is correct.



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