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

Number series Quiz 46

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

1. 172 176 192 256 512 ?

- A. 1428 B. 1536 C. 1626 D. 1486 E. None of these

2. 180 194 152 222 ? 250

- A. 226 B. 126 C. 148 D. 124 E. None of these

3. 11 31 59 175 347 ?

- A. 1039 B. 987 C. 1123 D. 913 E. None of these

4. 45 47 52 62 79 ?

- A. 103 B. 96 C. 107 D. 104 E. None of these

5. 130 121 103 76 40 ?

- A. - 10 B. 5 C. 10 D. - 5 E. None of these

6. 5 18 30 42 52 ?

- A. 80 B. 64 C. 60 D. 72 E. None of these

7. 196 183 222 157 248 ?

- A. 267 B. 167 C. 131 D. 142 E. None of these

8. 43 90 100 112 120 ?

- A. 128 B. 130 C. 132 D. 127 E. None of these

9. 53 55 59 75 ? 65867

- A. 227 B. 189 C. 343 D. 201 E. None of these

10. 110 126 143 161 180 ?

- A. 199 B. 200 C. 201 D. 212 E. None of these

Correct Answers:

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

Explanations:

1.

Series Pattern Given Series

172	172
$172 + 2^2 = 176$	176
$176 + 4^2 = 192$	192
$192 + 8^2 = 256$	256
$256 + 16^2 = 512$	512
$512 + 32^2 = 1536$	1536 ✓

Hence, option (B) is correct.

2.

Series Pattern Given Series

180	180
$180 + (14 \times 1) = 194$	194
$194 - 14 \times 3 = 152$	152
$152 + 14 \times 5 = 222$	222
$222 - 14 \times 7 = 124$	124 ✓
$124 + 14 \times 9 = 250$	250

Hence, option (D) is correct.

3.

Series Pattern Given Series

11	11
$11 \times 3 - 2 = 31$	31
$31 \times 2 - 3 = 59$	59
$59 \times 3 - 2 = 175$	175
$175 \times 2 - 3 = 347$	347
$347 \times 3 - 2 = 1039$	1039 ✓

Hence, option (A) is correct.

4.

Series Pattern	Given Series
45	45
$45 + 2 = 47$	47
$47 + 2 + 3 = 52$	52
$52 + 2 + 3 + 5 = 62$	62
$62 + 2 + 3 + 5 + 7 = 79$	79
$79 + 2 + 3 + 5 + 7 + 11 = 107$	107 ✓

Hence, option (C) is correct.

5.

Series Pattern	Given Series
130	130
$130 - 9 = 121$	121
$121 - 18 = 103$	103
$103 - 27 = 76$	76
$76 - 36 = 40$	40
$40 - 45 = -5$	-5 ✓

Hence, option (D) is correct.

6.

Series Pattern	Given Series
$7 \times 1 - 2 = 5$	5
$7 \times 3 - 3 = 18$	18
$7 \times 5 - 5 = 30$	30
$7 \times 7 - 7 = 42$	42
$7 \times 9 - 11 = 52$	52
$7 \times 11 - 13 = 64$	64 ✓

Hence, option (B) is correct.

07.

Series Pattern	Given Series
196	196
$196 - (13 \times 1) = 183$	183
$183 + (13 \times 3) = 222$	222
$222 - (13 \times 5) = 157$	157
$157 + (13 \times 7) = 248$	248
$248 - (13 \times 9) = 131$	131 ✓

Hence, option (C) is correct.

8.

Series Pattern Given Series

43	43
$43 + 47 = 90$	90
$47 + 53 = 100$	100
$53 + 59 = 112$	112
$59 + 61 = 120$	120
$61 + 67 = 128$	128 ✓

The sum of the two consecutive prime numbers

Hence, option (A) is correct.

9.

Series Pattern Given Series

53	53
$53 + 2 = 55$	55
$55 + 4 = 59$	59
$59 + 16 = 75$	75
$75 + 256 = 331$	331 ✓
$331 + 65536 = 65867$	65867

Hence, option (E) is correct.

10.

Series Pattern Given Series

$11^2 - 11 \times 1 = 110$	110
$12^2 - 12 \times 1.5 = 126$	126
$13^2 - 13 \times 2 = 143$	143
$14^2 - 14 \times 2.5 = 161$	161
$15^2 - 15 \times 3 = 180$	180
$16^2 - 16 \times 3.5 = 200$	200 ✓

Hence, option (B) is correct.



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