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

Number series Quiz 37

Directions : Find the wrong term in the given series.

1. 499 491 464 400 275 59

A. 499 B. 491 C. 464 D. 400 E. All terms are correct

2. 7 27 93 301 915 2775 8361

A. 93 B. 301 C. 915 D. 2775 E. All terms are correct

3. 201 196 181 146 121 76 21

A. 201 B. 196 C. 181 D. 146 E. All terms are correct

4. 8 37 229 1841 18421 231065

A. 8 B. 18421 C. 231065 D. 229 E. All terms are correct

5. 0 10 34 82 148 250

A. 148 B. 34 C. 0 D. 82 E. All terms are correct

6. 1 0 6 -3 40 100

A. 0 B. 6 C. -3 D. 40 E. 100

7. 144 361 703 1215 1944 2944

A. 361 B. 703 C. 1215 D. 1944 E. 2944

8. 24 32 42 56 78 104

A. 24 B. 42 C. 32 D. 78 E. 56

9. 40 37 45 30 54 20

A. 37 B. 45 C. 30 D. 54 E. 20

10. 86 87 92 98 106

A. 87 B. 86 C. 92 D. 98 E. 106

Correct Answers:

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

Explanations:

1.

Series Pattern Given Series

499	499	✓
$499 - (2^3) = 491$	491	✓
$491 - (3^3) = 464$	464	✓
$464 - (4^3) = 400$	400	✓
$400 - (5^3) = 275$	275	✓
$275 - (6^3) = 59$	59	✓

Hence, option E is correct.

2.

Series Pattern	Given Series	
7	7	✓
$7 \times 3 + 6 = 27$	27	✓
$27 \times 3 + 12 = 93$	93	✓
$93 \times 3 + 18 = \mathbf{297}$	301	✗
$297 \times 3 + 24 = 915$	915	✓
$915 \times 3 + 30 = 2775$	2775	✓
$2775 \times 3 + 36 = 8361$	8361	✓

Hence, there should be 297 in place of 301.

Hence, option B is correct.

3.

Series Pattern	Given Series	
201	201	✓
$201 - (5 \times 1) = 196$	196	✓
$196 - (5 \times 3) = 181$	181	✓
$181 - (5 \times 5) = \mathbf{156}$	146	✗
$156 - (5 \times 7) = 121$	121	✓
$121 - (5 \times 9) = 76$	76	✓
$76 - (5 \times 11) = 21$	21	✓

Hence there should be 156 in place of 146.

Hence, option D is correct.

4.

Series Pattern	Given Series
8	8 ✓
$8 \times 4 + 5 = 37$	37 ✓
$37 \times 6 + 7 = 229$	229 ✓
$229 \times 8 + 9 = 1841$	1841 ✓
$1841 \times 10 + 11 = 18421$	18421 ✓
$18421 \times 12 + 13 = \mathbf{221065}$	231065 ✗

Hence, there must be 221065 in place of 231065.

Hence, option C is correct.

5.

Series Pattern Given Series

$1^2 \times 2 - 2 = 0$	0 ✓
$2^2 \times 3 - 2 = 10$	10 ✓
$3^2 \times 4 - 2 = 34$	34 ✓
$4^2 \times 5 - 2 = 78$	82 ✗
$5^2 \times 6 - 2 = 148$	148 ✓
$6^2 \times 7 - 2 = 250$	250 ✓

Hence, there must be 78 in place of 82.

Hence, option D is correct.

6.

Series Pattern	Given Series
$0! + 0^2 = 1 + 0$	1 ✓
$1! + 1^2 = 1 - 1$	0 ✓
$2! + 2^2 = 2 + 4$	6 ✓
$3! - 3^2 = 6 - 9$	-3 ✓
$4! + 4^2 = 24 + 16$	40 ✓
$5! - 5^2 = 120 - 25 = 95$	100 ✗

Therefore, It should be 95 in place of 100.

Hence, option E is correct.

7.

Series Pattern	Given Series	
$19 + 5^3 = 19 + 125$	144	✓
$144 + 6^3 = 144 + 216 = 360$	361	✗
$360 + 7^3 = 360 + 343$	703	✓
$703 + 8^3 = 703 + 512$	1215	✓
$1215 + 9^3 = 1215 + 729$	1944	✓
$1944 + 10^3 = 1944 + 1000$	2944	✓

Therefore, It should be 360 in place of 361.

Hence, option A is correct.

8.

Series Pattern Given Series

24	24	✓
$24 + 8$	32	✓
$32 + 10$	42	✓
$42 + 14$	56	✓
$56 + 20 = 76$	78	✗
$76 + 28$	104	✓

Therefore, It should be 76 in place of 78.

Hence, option D is correct.

9.

Series Pattern Given Series

40	40	✓
$40 - (1 \times 3)$	37	✓
$37 + (2 \times 4)$	45	✓
$45 - (3 \times 5)$	30	✓
$30 + (4 \times 6)$	54	✓
$54 - (5 \times 7) = 19$	20	✗

Therefore, It should be 19 in place of 20.

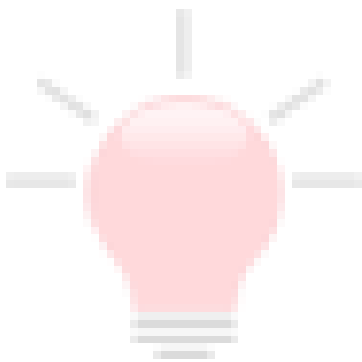
Hence, option E is correct.

10.

Series Pattern	Given Series	
$86 + 2 \times 0$	86	✓
$86 + 2 \times 1 = 88$	87	✗
$88 + 2 \times 2$	92	✓
$92 + 2 \times 3$	98	✓
$98 + 2 \times 4$	106	✓

Therefore, It should be 88 in place of 87.

Hence, option A is correct.



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