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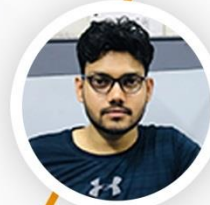
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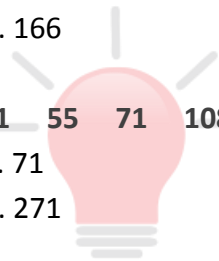
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Number series Questions for Bank Exams.

Number series Quiz 8

Directions: Find the wrong term in the given series:

- (1). 7 8 20 69 290 1485 8946
A. 8 B. 69 C. 20
D. 290 E. 1485
- (2). 3 14 47 146 453 1334 4007
A. 14 B. 44 C. 146
D. 1334 E. 453
- (3). 16 31 61 107 166 241 331
A. 31 B. 61 C. 107
D. 166 E. 331
- (4). 51 55 71 108 171 271 415
A. 71 B. 108 C. 171
D. 271 E. 415
- (5). 14 15.5 32.5 99 397.5 1990 11935.5
A. 14 B. 15.5 C. 99
D. 1990 E. 397.5
- (6). 11 12 23 70 281 1396 8375
A. 8375 B. 23 C. 70
D. 281 E. None of these
- (7). 15 8 9 15 32 92.5 250.5
A. 8 B. 9 C. 15
D. 92.5 E. None of these
- (8). 87 116 174 261 397 522
A. 397 B. 174 C. 261
D. 87 E. 522



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(9). 2 10 30 60 130 210
A. 2 B. 30 C. 10
D. 222 E. 60

(10). 270 246 370 334 550 501
A. 370 B. 246 C. 550
D. 501 E. 334



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Correct Answers:

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

Explanations:

1.

Series Pattern	Given Series	
7	7	✓
$7 \times 1 + 1^2 = 8$	8	✓
$8 \times 2 + 2^2 = 20$	20	✓
$20 \times 3 + 3^2 = 69$	69	✓
$69 \times 4 + 4^2 = 292$	290	✗
$292 \times 5 + 5^2 = 1485$	1485	✓
$1485 \times 6 + 6^2 = 8946$	8946	✓

Hence, option D is correct.

2.

Series Pattern	Given Series	
3	3	✓
$3 + 11 = 14$	14	✓
$14 + 33 (11 \times 3) = 47$	47	✓
$47 + 99 (33 \times 3) = 146$	146	✓
$146 + 297 (99 \times 3) = 443$	453	✗
$443 + 891 (297 \times 3) = 1334$	1334	✓
$1334 + 2673 (891 \times 3) = 4007$	4007	✓

Hence, option E is correct.

3.

Series Pattern	Given Series	
16	16	✓
$16 + 15 = 31$	31	✓
$31 + 30 = 61$	61	✓
$61 + 45 = 106$	107	✗
$106 + 60 = 166$	166	✓
$166 + 75 = 241$	241	✓
$241 + 90 = 331$	331	✓

Hence, option C is correct.

4.

Series Pattern	Given Series	
51	51	✓
$51 + 2^2 = 55$	55	✓
$55 + 4^2 = 71$	71	✓
$71 + 6^2 = 107$	108	✗
$107 + 8^2 = 171$	171	✓
$171 + 10^2 = 271$	271	✓
$271 + 12^2 = 415$	415	✓

Hence, option B is correct.

5.

Series Pattern	Given Series	
14	14	✓
$14 \times 1 + 1.5 = 15.5$	15.5	✓
$15.5 \times 2 + 1.5 = 32.5$	32.5	✓
$32.5 \times 3 + 1.5 = 99$	99	✓
$99 \times 4 + 1.5 = 397.5$	397.5	✓
$397.5 \times 5 + 1.5 = 1989$	1990	✗
$1989 \times 6 + 1.5 = 11935.5$	11935.5	✓

Hence, option D is correct.

6.

Series Pattern	Given Series	
11	11	✓
$11 \times 1 + 1 = 12$	12	✓
$12 \times 2 - 1 = 23$	23	✓
$23 \times 3 + 1 = 70$	70	✓
$70 \times 4 - 1 = 279$	281	✗
$279 \times 5 + 1 = 1396$	1396	✓
$1396 \times 6 - 1 = 8375$	8375	✓

Hence, option D is correct.

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7.

Series Pattern	Given Series	
15	15	✓
$15 \times \frac{1}{2} + \frac{1}{2} = 8$	8	✓
$8 \times 1 + 1 = 9$	9	✓
$9 \times \frac{3}{2} + \frac{3}{2} = 15$	15	✓
$15 \times 2 + 2 = 32$	32	✓
$32 \times \frac{5}{2} + \frac{5}{2} = 82.5$	92.5	✗
$82.5 \times 3 + 3 = 250.5$	250.5	✓

Hence, option D is correct.

8.

Series Pattern	Given Series	
87	87	✓
$87 + 29 = 116$	116	✓
$116 + 58 = 174$	174	✓
$174 + 87 = 261$	261	✓
$261 + 116 = 377$	397	✗
$377 + 145 = 522$	522	✓

Hence, option A is correct.

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9.

Series Pattern	Given Series	
$(1^3 + 1) = 2$	2	✓
$(2^3 - 2) = 6$	10	✗
$(3^3 + 3) = 30$	30	✓
$(4^3 - 4) = 60$	60	✓
$(5^3 + 5) = 130$	130	✓
$(6^3 - 6) = 210$	210	✓

Hence, option C is correct.

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10.

Series Pattern	Given Series	
270	270	✓
$270 - 5^2 = 245$	246	✗
$245 + 5^3 = 370$	370	✓
$370 - 6^2 = 334$	334	✓
$334 + 6^3 = 550$	550	✓
$550 - 7^2 = 501$	501	✓

Hence, option B is correct.



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