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# Number series questions for IBPS PO Pre, IBPS clerk, SBI PO pre and SBI clerk exams

## NUMBER SERIES QUIZ 30

Find the wrong term in the given series.

(1). 11 20 38 74 144 290 578

- A. 144                      B. 38                      C. 290                      D. 74  
E. 578

(2). 1 8 36 148 586 2388

- A. 8                      B. 586                      C. 2388                      D. 148  
E. 36

(3). 10 14.5 23.5 41.5 77.5 148.5

- A. 14.5                      B. 148.5                      C. 41.5                      D. 77.5  
E. 23.5

(4). 131 159 189 221 245 291

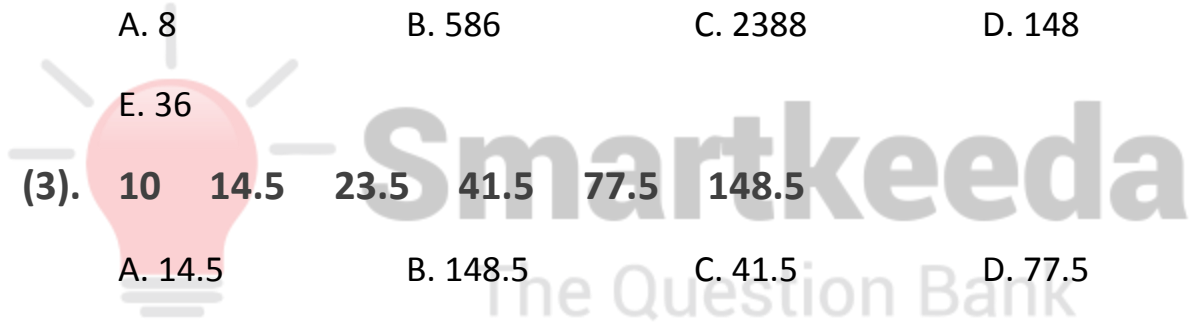
- A. 291                      B. 245                      C. 221                      D. 189  
E. 159

(5). 10 10 20 60 240 1200 8400

- A. 20                      B. 60                      C. 240                      D. 1200  
E. 8400

(6). 37 46 71 120 191 322 491

- A. 46                      B. 322                      C. 191                      D. 71  
E. 491



(7). 95 142 187 260 331 410

A. 95

B. 187

C. 142

D. 331

E. 260

(8). 3 5 15 41 90 173

A. 5

B. 15

C. 90

D. 41

E. 173

(9). 9 10 19 57 231 1156 6935

A. 9

B. 19

C. 57

D. 231

E. 1156

(10). 12061 8686 6489 5158 4429 4088 3961

A. 6489

B. 4429

C. 8686

D. 5158

E. 4088

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### Correct answers:

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

### Explanations:

1.

#### Series Pattern Given Series

11	11	✓
$11 + 9 = 20$	20	✓
$20 + 18 = 38$	38	✓
$38 + 36 = 74$	74	✓
$74 + 72 = 146$	<b>144</b>	✗
$146 + 144 = 290$	290	✓
$290 + 288 = 578$	578	✓

Hence, option (A) is correct.

2.

#### Series Pattern Given Series

1	1	✓
$1 \times 4 + 4 = 8$	8	✓
$8 \times 4 + 4 = 36$	36	✓
$36 \times 4 + 4 = 148$	148	✓
$148 \times 4 + 4 = 596$	<b>586</b>	✗
$596 \times 4 + 4 = 2388$	2388	✓

Hence, option (B) is correct.

3.

Series Pattern	Given Series	
10	10	✓
$10 \times 2 - 5.5 = 14.5$	14.5	✓
$14.5 \times 2 - 5.5 = 23.5$	23.5	✓
$23.5 \times 2 - 5.5 = 41.5$	41.5	✓
$41.5 \times 2 - 5.5 = 77.5$	77.5	✓
$77.5 \times 2 - 5.5 = 149.5$	<b>148.5</b>	✗

Hence, option (B) is correct.

4.

Series Pattern	Given Series	
$11^2 + 10 = 131$	131	✓
$12^2 + 15 = 159$	159	✓
$13^2 + 20 = 189$	189	✓
$14^2 + 25 = 221$	221	✓
$15^2 + 30 = 255$	<b>245</b>	✗
$16^2 + 35 = 291$	291	✓

Hence, option (B) is correct.

5.

Series Pattern Given Series

10	10	✓
$10 \times 1 = 10$	10	✓
$10 \times 2 = 20$	20	✓
$20 \times 3 = 60$	60	✓
$60 \times 4 = 240$	240	✓
$240 \times 5 = 1200$	1200	✓
$1200 \times 6 = 7200$	<b>8400</b>	✗

Hence, option (E) is correct.

6.

Series Pattern Given Series

37	37	✓
$37 + 3^2 = 46$	46	✓
$46 + 5^2 = 71$	71	✓
$71 + 7^2 = 120$	120	✓
$120 + 9^2 = \mathbf{201}$	191	✗
$201 + 11^2 = 322$	322	✓
$322 + 13^2 = 491$	491	✓

Hence, there should be 201 in place of 191.

7.

Series Pattern Given Series

95	95	✓
$95 + 47 = 142$	142	✓
$142 + 55 = 197$	187	✗
$197 + 63 = 260$	260	✓

$$260 + 71 = 331 \quad 331 \quad \checkmark$$

$$331 + 79 = 410 \quad 410 \quad \checkmark$$

Hence, there must be 197 in place of 187.

Hence, option B is correct.

8.

**Series Pattern    Given Series**

$$3 \quad 3 \quad \checkmark$$

$$3 + 1^2 + 1 = 5 \quad 5 \quad \checkmark$$

$$5 + 3^2 + 1 = 15 \quad 15 \quad \checkmark$$

$$15 + 5^2 + 1 = 41 \quad 41 \quad \checkmark$$

$$41 + 7^2 + 1 = 91 \quad 90 \quad \times$$

$$91 + 9^2 + 1 = 173 \quad 173 \quad \checkmark$$

Hence, there should be 90 in place of 91.

Hence, option C is correct.

9.

**Series Pattern    Given Series**

$$9 \quad 9 \quad \checkmark$$

$$9 \times 1 + 1 = 10 \quad 10 \quad \checkmark$$

$$10 \times 2 - 1 = 19 \quad 19 \quad \checkmark$$

$$19 \times 3 + 1 = 58 \quad 57 \quad \times$$

$$58 \times 4 - 1 = 231 \quad 231 \quad \checkmark$$

$$231 \times 5 + 1 = 1156 \quad 1156 \quad \checkmark$$

$$1156 \times 6 - 1 = 6935 \quad 6935 \quad \checkmark$$

Hence, there should be 58 in place of 57.

Hence, option C is correct.

**10.**

<b>Series Pattern</b>	<b>Given Series</b>
12061	12061
$12061 - 3375 = 8686$	8686
$8686 - 2197 = 6489$	6489
$6489 - 1331 = 5158$	5158
$5158 - 729 = 4429$	4429
$4429 - 343 = 4086$	<b>4088</b> ✖
$4086 - 125 = 3961$	3961

The numbers subtracted from the given numbers are cubes of 15, 13, 11, 9, 7, 5 respectively.

Hence there should be 4086 in place of 4088.

Hence, option (E) is correct.





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