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# Number series Questions for IBPS Clerk Pre, SBI Clerk Pre and RRB Asst. Pre Exams.

## Number series Quiz 24

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

1. 907 907 891 ? 811 1067

A. 955                      B. 905                      C. 945                      D. 855                      E. 965

2. 491 ? 419 386 355 326

A. 424                      B. 434                      C. 444                      D. 454                      E. 490

3. 10 20 41 84 ? 346

A. 140                      B. 150                      C. 171                      D. 161                      E. 145

4. 26 52 208 1664 26624 ?

A. 851682                      B. 851242                      C. 851911                      D. 851823                      E. 851968

5. 15 8.5 10 ? 36.5 94.25

A. 16.5                      B. 16                      C. 15                      D. 17                      E. 20.25

6. 346 321 341 326 336 ?

A. 341                      B. 350                      C. 356                      D. 330                      E. 331

7. 26 17 33 8 44 ?

A. 5                      B. -4                      C. -3                      D. -5                      E. None of these

8. 12705 1155 ? 33 11 5.5

A. 142                      B. 165                      C. 144                      D. 198                      E. None of these

9. 10 101 119 147 165 ?

A. 201                      B. 205                      C. 209                      D. 215                      E. None of these

10. 350 345 330 305 270 ?

A. 200                      B. 210                      C. 215                      D. 225                      E. 250

### Correct Answers:

<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>	<b>7</b>	<b>8</b>	<b>9</b>	<b>10</b>
A	D	C	E	D	E	D	B	A	D

### Explanations:

1. The series is  $+ (0)^2, - (4)^2, + (8)^2, - (12)^2, + (16)^2, - (20)^2$

Series Pattern	Series
$907 + (0)^2$	907
$907 - (4)^2$	891
$891 + (8)^2$	<b>955</b> ✓
$955 - (12)^2$	811
$811 + (16)^2$	1067

Hence, option A is correct.

2.

Series Pattern	Series
491	491
$491 - 37$	<b>454</b> ✓
$454 - 35$	419
$419 - 33$	386
$386 - 31$	355
$355 - 29$	326

Hence, option D is correct.

3.

Series Pattern	Series
10	10
$10 \times 2 + 0$	20
$20 \times 2 + 1$	41
$41 \times 2 + 2$	84
$84 \times 2 + 3$	<b>171</b> ✓
$171 \times 2 + 4$	346

Hence, option C is correct

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4.

Series Pattern	Given Series
26	26
$26 \times 2$	52
$52 \times 4$	208
$208 \times 8$	1664
$1664 \times 16$	26624
$26624 \times 32$	<b>851968</b> ✓

Hence, option E is correct.

5.

Series Pattern	Given Series
15	15
$15 \times 0.5 + 1$	8.5
$8.5 \times 1 + 1.5$	10
$10 \times 1.5 + 2$	<b>17</b> ✓
$17 \times 2 + 2.5$	36.5
$36.5 \times 2.5 + 3$	94.25

Hence, option D is correct

6.

Series Pattern	Given Series
346	346
$346 - 25$	321
$321 + 20$	341
$341 - 15$	326
$326 + 10$	336
$336 - 5$	<b>331</b> ✓

Hence, option E is correct.

7.

Series Pattern	Given Series
26	26
$26 - 3^2$	17
$17 + 4^2 = 33$	33
$33 - 5^2 = 8$	8
$8 + 6^2 = 44$	44
$44 - 7^2 = -5$	<b>-5</b> ✓

Hence, option (D) is correct.

8.

Series Pattern	Given Series	
12705	12705	
$12705 \div 11$	1155	
$1155 \div 7$	<b>165</b>	✓
$165 \div 5$	33	
$33 \div 3$	11	
$11 \div 2$	5.5	

Hence, option (B) is correct.

9.

Series Pattern	Given Series	
10	10	
$(10^2 + 1)$	101	
$(11^2 - 2)$	119	
$(12^2 + 3)$	147	
$(13^2 - 4)$	165	
$(14^2 + 5)$	<b>201</b>	✓

Hence, option A is correct.

10.

Series Pattern	Given Series	
350	350	
$350 - 5$	345	
$345 - 15$	330	
$330 - 25$	305	
$305 - 35$	270	
$270 - 45$	<b>225</b>	✓

Hence, option D is correct.



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