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

## Number series Quiz 50

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

1. 105 118 111.5 124.5 118 ?

- A. 131                      B. 129                      C. 135                      D. 132                      E. None of these

2. 5 3 6 9 ? 15

- A. 11                      B. 12                      C. 13                      D. 12.5                      E. None of these

3. 89 91 94 99 ? 117

- A. 102                      B. 104                      C. 106                      D. 108                      E. None of these

4. 970 849 768 719 694 ?

- A. 675                      B. 680                      C. 685                      D. 690                      E. None of these

5. 40 59 97 173 325 ?

- A. 629                      B. 529                      C. 539                      D. 641                      E. None of these

6. 452 790 1466 2818 5522 ?

- A. 12530                      B. 10930                      C. 18540                      D. 13542                      E. None of these

7. 10000 2000 400 80 16 ?

- A. 3.2                      B. 1.5                      C. 2.5                      D. 1.2                      E. None of these

8. 2 10 42 170 682 ?

- A. 2560                      B. 2760                      C. 2730                      D. 3030                      E. None of these

9. 200 220 484 1597.2 7027.68 ?

- A. 32452.24                      B. 40552.24                      C. 28650.24                      D. 38652.24                      E. None of these

10. 10 11 26 87 364 ?

- A. 1654                      B. 1845                      C. 1945                      D. 2045                      E. None of these

## 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	B	C	C	A	B	A	C	D	B

## Explanations:

1.

Series Pattern	Given Series
105	105
$105 + 13 = 118$	118
$118 - 6.5 = 111.5$	111.5
$111.5 + 13 = 124.5$	124.5
$124.5 - 6.5 = 118$	118
$118 + 13 = 131$	<b>131</b> ✓

Hence, option (A) is correct.

2.

Series Pattern	Given Series
5	5
$5 \times 0.5 + 0.5 = 3$	3
$5 \times 1 + 1 = 6$	6
$5 \times 1.5 + 1.5 = 9$	9
$5 \times 2 + 2 = 12$	<b>12</b> ✓
$5 \times 2.5 + 2.5 = 15$	15

Hence, option (B) is correct.

3.

Series Pattern	Given Series
89	89
$89 + 2 = 91$	91
$91 + 3 = 94$	94
$94 + 5 = 99$	99
$99 + 7 = 106$	<b>106</b> ✓
$106 + 11 = 117$	117

Hence, option (C) is correct.

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4.

**Series Pattern    Given Series**

970	970
$970 - 11^2$	849
$849 - 9^2$	768
$768 - 7^2$	719
$719 - 5^2$	694
$694 - 3^2$	<b>685</b> ✓

Hence, option (C) is correct.

5.

**Series Pattern    Given Series**

40	40
$40 + 19$	59
$59 + 19 \times 2$	97
$97 + 38 \times 2$	173
$173 + 76 \times 2$	325
$325 + 152 \times 2$	<b>629</b> ✓

Hence, option (A) is correct.

6.

**Series Pattern    Given Series**

452	452
$452 + 338$	790
$790 + 676$	1466
$1466 + 1352$	2818
$2818 + 2704$	5522
$5522 + 5408$	<b>10930</b> ✓

Hence, option (B) is correct.

07.

**Series Pattern    Given Series**

10000	10000
$10000 \div 5$	2000
$2000 \div 5$	400
$400 \div 5$	80
$80 \div 5$	16
$16 \div 5$	<b>3.2</b> ✓

Hence, option (A) is correct.

8.

Series Pattern	Given Series
----------------	--------------

2	2
$2 \times 4 + 2$	10
$10 \times 4 + 2$	42
$42 \times 4 + 2$	170
$170 \times 4 + 2$	682

$682 \times 4 + 2$	<b>2730</b>	✓
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Hence, option (C) is correct.

9.

Series Pattern	Given Series
----------------	--------------

200	200	
$200 \times 1.1$	220	
$220 \times 2.2$	484	
$484 \times 3.3$	1597.2	
$1597.2 \times 4.4$	7027.68	
$7027.68 \times 5.5$	<b>38652.24</b>	✓

Hence, option (D) is correct.

10.

Series Pattern	Given Series
----------------	--------------

10	10
$10 \times 1 + 1^2$	11
$11 \times 2 + 2^2$	26
$26 \times 3 + 3^2$	87
$87 \times 4 + 4^2$	364

$364 \times 5 + 5^2$	<b>1845</b>	✓
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Hence, option (B) is correct.

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