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

## Number series Quiz 47

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

1. 8 4 6 15 52.5 ?

- A. 234.50      B. 236.25      C. 152.25      D. 183.75      E. None of these

2. 14 35 98 287 ? 2555

- A. 854      B. 864      C. 860      D. 888      E. None of these

3. 3 4 10 33 136 ?

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

4. 40 31 47 22 58 ?

- A. 24      B. 11      C. 17      D. 10      E. None of these

5. 75 58 39 16 -13 ?

- A. -18      B. -44      C. 18      D. -42      E. None of these

6. 800 880 968 1064.8 1171.28 ?

- A. 1288.408      B. 1236.446      C. 1356.244      D. 1142.432      E. None of these

7. 128 192 288 432 648 ?

- A. 962      B. 972      C. 988      D. 968      E. None of these

8. 1 28 127 346 733 ?

- A. 1236      B. 1331      C. 1334      D. 1336      E. None of these

9. 0 49 162 567 2368 ?

- A. 11961      B. 12441      C. 9867      D. 10261      E. None of these

10. 426 405 447 363 531 ?

- A. 205      B. 195      C. 185      D. 200      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>
B	A	C	E	B	A	B	D	A	B

### Explanations:

1.

Series Pattern	Given Series
8	8
$8 \times 0.5 \times 1 = 4$	4
$4 \times 0.5 \times 3 = 6$	6
$6 \times 0.5 \times 5 = 15$	15
$15 \times 0.5 \times 7 = 52.5$	52.5
$52.5 \times 0.5 \times 9 = 236.25$	<b>236.25</b> ✓

Hence, option (B) is correct.

2.

Series Pattern	Given Series
14	14
$14 \times 3 - 7 = 35$	35
$35 \times 3 - 7 = 98$	98
$98 \times 3 - 7 = 287$	287
$287 \times 3 - 7 = 854$	<b>854</b> ✓
$854 \times 3 - 7 = 2555$	2555

Hence, option (A) is correct.

3.

Series Pattern	Given Series
3	3
$3 \times 1 + 1 = 4$	4
$4 \times 2 + 2 = 10$	10
$10 \times 3 + 3 = 33$	33
$33 \times 4 + 4 = 136$	136
$136 \times 5 + 5 = 685$	<b>685</b> ✓

Hence, option (C) is correct.

4.

**Series Pattern Given Series**

40	40
$40 - 3^2 = 31$	31
$31 + 4^2 = 47$	47
$47 - 5^2 = 22$	22
$22 + 6^2 = 58$	58
$58 - 7^2 = 9$	<b>9</b> ✓

Hence, option (E) is correct.

5.

**Series Pattern Given Series**

75	75
$75 - 17 = 58$	58
$58 - 19 = 39$	39
$39 - 23 = 16$	16
$16 - 29 = -13$	-13
$-13 - 31 = -44$	<b>-44</b> ✓

Hence, option (B) is correct.

6.

**Series Pattern**

**Given Series**

800	800
$800 + 800 \div 10 = 880$	880
$880 + 880 \div 10 = 968$	968
$968 + 968 \div 10 = 1064.8$	1064.8
$1064.8 + 1064.8 \div 10 = 1171.28$	1171.28
$1171.28 + 1171.28 \div 10 = 1288.408$	<b>1288.408</b> ✓

Hence, option (A) is correct.

07.

**Series Pattern Given Series**

128	128
$128 + 128 \div 2 = 192$	192
$192 + 192 \div 2 = 288$	288
$288 + 288 \div 2 = 432$	432
$432 + 432 \div 2 = 648$	648
$648 + 648 \div 2 = 972$	<b>972</b> ✓

Hence, option (B) is correct.

8.

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

$1^3 + 0 = 1$	1
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$3^3 + 1 = 28$	28
----------------	----

$5^3 + 2 = 127$	127
-----------------	-----

$7^3 + 3 = 346$	346
-----------------	-----

$9^3 + 4 = 733$	733
-----------------	-----

$11^3 + 5 = 1336$	<b>1336</b> ✓
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Hence, option (D) is correct.

9.

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

0	0
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$0 \times 1 + 7^2 = 49$	49
-------------------------	----

$49 \times 2 + 8^2 = 162$	162
---------------------------	-----

$162 \times 3 + 9^2 = 567$	567
----------------------------	-----

$567 \times 4 + 10^2 = 2368$	2368
------------------------------	------

$2368 \times 5 + 11^2 = 11961$	<b>11961</b> ✓
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Hence, option (A) is correct.

10.

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

426	426
-----	-----

$426 - 21 = 405$	405
------------------	-----

$405 + 42 = 447$	447
------------------	-----

$447 - 84 = 363$	363
------------------	-----

$363 + 168 = 531$	531
-------------------	-----

$531 - 336 = 195$	<b>195</b> ✓
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Hence, option (B) is correct.



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