

Quantitative MCQ-1 For IBPS IT Officer and Indian/Syndicate Manipal PO Exam

What will come in place of question mark(?) in the given number series?

1) 158 78 38 18 8 ?

- a) 3
- b) 5
- c) 2
- d) 7
- e) 6

2) 8 5.5 8.5 23 89.5 ?

- a) 455
- b) 420.5
- c) 445
- d) 415.5
- e) 433

3) 402 400 388 358 302 ?

- a) 212
- b) 236
- c) 190
- d) 182
- e) 210

4) 16 19 24 33 50 ?

- a) 83
- b) 66
- c) 99
- d) 74
- e) 102

5) 31 15 21 50 ? 767.25

- a) 160.5
- b) 171.5
- c) 156.5
- d) 122.5
- e) 143.5

Q(6-10) In each question two equations numbered (A) and (B) have been given. You have to solve both the equations and find out the correct option.

6) (A) $x^2 - 3x - 88 = 0$ (B) $y^2 + 8y - 48 = 0$

- 1) $x \geq y$
- 2) $x \leq y$
- 3) $x < y$
- 4) $x > y$
- 5) $x = y$ or relationship between x and y can't be determined

7) (A) $2x^2 + 21x + 10 = 0$ (B) $3y^2 + 13y + 14 = 0$

- 1) $x \geq y$
- 2) $x \leq y$
- 3) $x < y$
- 4) $x > y$
- 5) $x = y$ or relationship between x and y can't be determined

8) (A) $5x^2 + 29x + 20 = 0$ (B) $25y^2 + 25y + 6 = 0$

- 1) $x \geq y$
- 2) $x < y$
- 3) $x > y$
- 4) $x \leq y$
- 5) $x = y$ or relationship between x and y can't be determined

9) (A) $3x^2 + 10x + 8 = 0$ (B) $3y^2 + 7y + 4 = 0$

- 1) $x \leq y$
- 2) $x < y$
- 3) $x \geq y$

4) $x > y$

5) $x = y$ or relationship between x and y can't be determined

10) (A) $2x^2 - 11x + 12 = 0$

(B) $2y^2 - 19y + 44 = 0$

1) $x \geq y$

2) $x \leq y$

3) $x = y$ or relationship between x and y can't be determined

4) $x < y$

5) $x > y$

Answers:

1)a this series is $/2-1, /2-1$ (repeated) i.e $(158/2-1)=78$

2)c this series is $*1-2.5, *2-2.5, *3-2.5, *4-2.5...$

3)a this series is $-(1^2+1), -(3^2+3), -(5^2+5)...$. (1^2 means square of 1)

4)a this series is $(2^1+1), (2^2+1), (2^3+1), (2^4+1)...$

5)b this series is $*0.5-0.5, *1.5-1.5, *2.5-2.5, *3.5-3.5...$

6)5

7)5

8)2

9)1

10)2