

Number Series Questions Overview

Number Series Questions have a good weightage in the Banking Exam and the type of question asked in Banking exam is similar to the question mentioned below. It has been solved and explained by Gargi.ai Experts and they have tried to elaborate the concept used in Number Series Questions.

Number Series Questions

Direction: There are three number series I, II, and III given below. Series I is missing number (P) and Series II and Series III have the wrong number (Q) and (R). You are required to solve both and answer the question accordingly. Series I: 8, 8, 16, (P), 88, 240 Series II: 24, 35, 48, 65, 90, 130 Series III: 17, 33, 65, 129, 257, 512, 1025

Question

What is the sum of The value of P and the difference between R and Q?

Difficulty : Moderate

Average Time : 44 Seconds

Options :

1. 148
2. 236
3. 418
4. 542
5. 336

Solution

The correct answer is **option 3**. i.e. **418**.

Series I,

$$8 \times 0.5 + 4 = 8$$

$$8 \times 1 + 8 = 16$$

$$16 \times 1.5 + 12 = 36$$

$$36 \times 2 + 16 = 88$$

$$88 \times 2.5 + 20 = 240$$

Value of P = 36

Series II,

24	35	48	65	90	131
11	13	17	25	41	
2	4	8	16		

Value of Q = 130

Series III:

$$17 \times 2 - 1 = 33$$

$$33 \times 2 - 1 = 65$$

$$65 \times 2 - 1 = 129$$

$$129 \times 2 - 1 = 257$$

$$257 \times 2 - 1 = \mathbf{513}$$

Value of R = 512

According to the question,

the sum of The value of P and the difference between R and Q = $36 + (512 - 130) = 418$