Statistics Questions Overview

Statistics 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 Statistics Questions.

Statistics Questions

Direction: The table below shows the number of coins of four denominations: Rs. 1, 2, 5 and 10 in 4 bags A, B, C and D. Some of the data is missing also. Study the data carefully and answer the questions.   Rs. 1 coins Rs. 2 coins Rs. 5 coins Rs. 10 coins Bag A 16 8 - 5 Bag B 20 - 8 6 Bag C 15 - 12 - Bag D - 12 13 7

Question

Given that number of Rs. 2 coins in bag B and C is 12 and 10 respectively, and the number of Rs. 5 coins in bag A is 7, then total amount formed by Rs. 2 coins from all 4 bags is what per cent of the total amount formed by Rs. 5 coins from all 4 bags

Difficulty : Moderate   **Average Time : 56 Seconds**

Options :
1. 40%
2. 42%
3. 44%
4. 45%
5. 46%

Solution

The correct answer is **option 2** i.e. **42%.**

From the given data

The number of Rs. 2 coins in bags A, B, C and D are 8, 12, 10 and 12 respectively.

Hence,

Total amount formed by Rs. 2 coins from all 4 bags

= 2 × (8 + 12 + 10 + 12)

= 2 × 42

= Rs. 84

From the given data

The number of Rs. 5 coins in bags A, B, C and D are 7, 8, 12 and 13 respectively.

Hence,

Total amount formed by Rs. 5 coins from all 4 bags

= 5 × (7 + 8 + 12 + 13)

= 5 × 40

= Rs. 200

Hence, required percentage

= [84/200] × 100

= 42%