

SAMPLE QUESTIONS FOR ROUND 1

1. Four brothers (A, B, C and D) started a business in partnership by investing capitals in the proportion 3 : 5 : 4 : 6. During the period of one-year, these capitals were utilized in the proportion 6 : 4 : 5 : 3 respectively. If a profit of Rs. 15,550 is made at the end of the first year, what would be the share of D?
2. A car driver has to cover a total distance of 300 kilometres in 6 hours. He travels at a speed of 60 kmph for the first 90 minutes and at a speed of 50 kmph for the next 100 kilometres. At what average speed must he travel now in order to complete the journey in 6 hours?
3. Out of these statements, which of the two cannot both be true but can be false?
 - I. All machines make noise.
 - II. Some machines are noisy.
 - III. No machine makes noise.
 - IV. Some machines are not noisy.
4. An amount of Rs. 20,000 is to be distributed amongst A, B, R and S such that "A" gets twice as that of "B" and "S" gets four times as that of "R". If "B" and "R" are to receive equal amounts, what is the difference between the amounts received by S and A?
5. By giving Rs. 50 to B, A would have the amount equal to what B had earlier. If the sum of the amounts with A and B is Rs. 650, what is the ratio of the amount with A to that with B earlier?
6. Complete the Sequence, A, CD, GHI, ?, UVWXY.