

Five players Abhay, Bikram, Chintu, Deepak and Ejaz played five overs of cricket among themselves. Each of the five players bowled exactly one over and also batted exactly for one over. The runs conceded by the five bowlers in the respective overs bowled by them are 1, 2, 3, 4 and 5, not necessarily in the same order. Abhay bowled to Deepak and conceded 1 run and he scored 2 runs in Bikram's over. Chintu neither scored 3 runs nor conceded 3 runs. Deepak did not bowled to Chintu. Bikram batted when Chintu bowled, then he scored 5 runs.

Q.1) Which of the following statement cannot be true?

- a) Ejaz conceded 4 runs to Chintu.
- b) Deepak neither bowled to Chintu nor batted in Chintu's over.
- c) Ejaz did not score 3 runs
- d) None of the above

Q.2) A certain amount of sum is invested at simple interest. If the sum becomes k times itself in 16 years and $2k$ times itself in 40 years, in how many years will it become $4k$ times of itself?

- a) 96 years
- b) 88 years
- c) 80 years
- d) 64 years

Q.3) The diagonal of a rectangle is 10 cm and its area is 48 sq. cm. What is the perimeter of the rectangle?

- a) 18
- b) 28
- c) 26

d) 14

Q.4) When a particular positive number is divided by 5, the remainder is 2. If the same number is divided by 7, the remainder is 5. If the difference between the quotients of the division is 3, then find the number.

- a) 78
- b) 22
- c) 47
- d) 25

Q.5) The ratio of the salary of Raman in January to that in May was $3\frac{1}{3} : 3\frac{1}{6}$. By what % was the salary of January more than the salary of May?

- a) 5%
- b) 10%
- c) 7.5%
- d) 2.5%

Q.6) Mrs Singh drives to work at an average speed of 42 km per hour. The time taken to cover the 1st 87.5% of the distance is 120 mins more than the time taken to cover the remaining distance. How far is his office?

- a) 3 km
- b) 7 km
- c) 14 km
- d) 9 km

Q.7) Find the remainder when 49^{89} is divided by 5?

- a) 4
- b) 5
- c) 3
- d) 2