

# **TCS Aptitude Questions with Answers & Shortcuts**

## **Quantitative Aptitude**

- 1 A person spends 60% of his salary. If his salary is increased by 20% and his expenditure increases by 10%, find the % increase in his savings.
- 2 A train 120 m long crosses a pole in 6 seconds. Find the speed of the train in km/hr.
- 3 If the population of a village increases by 10% in one year and decreases by 10% in the next year, what will be the net effect on the population?
- 4 A sum of money doubles itself in 5 years at simple interest. In how many years will it become three times?
- 5 Two pipes can fill a tank in 20 min and 30 min, but a third pipe empties it in 15 min. In how many minutes will the tank be full?

## **Logical Reasoning**

- 1 Find the missing number in the series: 2, 6, 12, 20, ?, 42
- 2 If in a certain code language, CAT = 3120, DOG = 4157, then RAT = ?
- 3 Six friends A, B, C, D, E, F are sitting in a circle. A is between D and E. C is to the right of E. Who is between B and C?
- 4 Statement: All roses are flowers. Some flowers are yellow. Conclusions: (i) Some roses are yellow. (ii) Some flowers are not roses.

## **Verbal Ability**

- 1 Fill in the blank: He is very good \_\_\_\_ Mathematics. (A) at (B) on (C) for (D) with
- 2 Error spotting: Neither of the boys have finished the work.
- 3 Synonym of 'Obsolete' → (A) Modern (B) Outdated (C) Rare (D) Useful
- 4 Rearrangement: Arrange the words to form a meaningful sentence: work / hard / succeed / must / you / to / in / life

## **Advanced Questions**

- 1 Probability of getting at least one head in 2 coin tosses.
- 2 If a 3-digit number is divisible by 7, find the remainder when the number is reversed.
- 3 Speed of boat in still water is 15 km/hr, speed of stream is 5 km/hr. Time taken to cover 60 km downstream?