

Train A

Total passengers= 700

$$\text{General coaches} = 700 \times \frac{20}{100} = 140$$

$$\text{AC coaches} = 700/4 = 175$$

$$\text{Sleeper class} = 700 \times \frac{23}{100} = 161$$

$$\text{First class} = 700 - (140 + 175 + 161) = 224$$

Train B

$$\text{Total passengers} = 700 \times \frac{130}{100} = 910$$

$$\text{Ac Coaches} = 480 - 175 = 305$$

$$\text{Sleeper class} = 910 \times \frac{30}{100} = 273$$

$$\text{First class} = 91$$

$$\text{General Coaches} = 910 - (305 + 273 + 91) = 241$$

Cost per ticket of a first-class ticket = 450

The total amount will be generated from the first-class coach of train A =  $450 \times 224 = 100800$

**Directions for Q23-Q24:** Directions: Each of the questions below is followed by two statements, labelled I and II, in which certain data is given. In these questions, you do not actually have to compute an answer but rather decide whether the data given in the statements are sufficient for answering the question. Using the data given in the statements "plus" your knowledge of mathematics and everyday facts (such as the number of days in July), you are to choose the answer as per the options given below.

Q23. On average, how far can a car go on 20 litres of fuel?

(I) Its average is 12.2 km/l

(II) The car would need 45l of fuel to go for 549 km.

Options:

A. Statement I alone is sufficient, but statement II alone is not sufficient to answer the question.

B. Statement II alone is sufficient, but statement I alone is not sufficient to answer the question.

C. Both statements I and II together are sufficient to answer the question asked, but neither statement alone is sufficient.

D. Each statement is sufficient by itself to answer the question asked.