



IBPS RRB 2022 Imp. Arithmetic Questions

Distance covered by Car in 6 hours =
 $6 \times 80 = 480$

Distance covered by Bus in 12 hours =
 $(480 \times 3) = 1440$

Distance covered by Bus one hour =
 $1440/12 = 120 \text{ km}$

14. Ans. A.

$\frac{1}{2} : \frac{2}{3} : \frac{3}{4}$ multiply by LCM of denominators
2, 3, 4

$6 : 8 : 9 = \text{First part} : \text{Second part} : \text{Third part,}$

First part (6) further sub-divided in ratio
1: 2 that is= 2 : 4

So the difference between these 2 parts
ratio-wise= $4-2= 2$

Now value of ratio 2 is = $\frac{782}{6+8+9} \times 2 = 68$
Rs.

15. Ans. C.

Let the upstream speed be U and the
downstream speed be D, then

$U = \text{Speed of boat} - \text{speed of stream}$

$D = \text{Speed of boat} + \text{speed of stream}$

$$\text{So, } \frac{65}{U} + \frac{130}{D} = 46$$

$$\& \frac{45}{U} + \frac{104}{D} = 34$$

On solving, we get $D = 6.5 \text{ km/hr}$ and $U = 2.5 \text{ km/hr}$