Pramoh - 3 km in 30 minutes. 1 30 min = 0.5 hu : Speed = Dislamer = 3 = 6 Kml hr A Car Cover 60 km in 2 hrs. 3 Speed = Distance = 60 - 30 Km /hr A train travel of 50 km/hr. (3) Distance = Speed x Time = 50 x 3 = 150 Km A Cyclist Covers do him in this 30 min. (A) 1 hr 30 min = 1.5 hr

speed = 20 - 13.3 Km/hr

Ejeed = Distance - 10 = 10 km/hr
Time 3

Opstream speed = Boad speed - Stream steed 6 - 10 Am/hr

speed = 4 = 2 Em/hr (4)

Downs peed = 24 = 12 19m/h-3 11 secum speed = 12-10 = 2 Km/hr

Speed = 300 - 60 Km /m 9

- 60 dreed = 60 = 20 Fim / hr
 - 1 Time = Distance 240 = Se hos
 - (2) Upstream speed = 30 = 10 km/hr

 Dowstream speed = 80 = 15 km/hr

 Bood speed = 10 + 18 = 12-5 km/hr

 Stream speed = 15-10 = 2.5 km/h
 - OBS= 20 km/hr, 8traans 5 km/hr,

 Upsteam = 20-5= 15 km/hr

 downstream = 20+5 = 25 km/hr
 - T = 120m, T = 9 ec $S = \frac{0}{7} = \frac{120}{9} = 13.3 m/s$ $S = \frac{0}{7} = \frac{120}{9} = 13.3 m/s$ $S = \frac{13.3 \times 18}{5} = 48 \text{ Km/hr}$
 - (B) 2T = 10 sec - Total distance = (20+140 = 260m) . Speed = 260 = 26m/s
 - * 54 km/hr = 54 x5 = 15 m/s
 - 26-15 = 11mls -> X=11 x 18 = 39.6 km lhr.

- (B) upstream speed = 20 = 5 km/hr

 downstream speed = 20 = 6.67 km/hr

 Boat speed = 5 +6.67 = 5.83 km/hr

 stream speed = 6.67 -5 = 0.83 km/hr
- (P) $8 = 5 \, \text{Gm/hr}$, $8 + \text{recom} = 2 \, \text{Gm/hs}$. Downstream speed = $5 + 2 = 7 \, \text{Gm/hr}$ Time = $\frac{10}{7} = 1.43 \, \text{hrs}$
- Total distance = 120 km.

 Total time = 1:5 + 1 = 2.5 hre

 Aug speed = 120 = 48 km/hr

 2.5
- (9) DS = 48 = (6 km/hr, UPS 40 = 12 km/hr

 Boat 16 + 12 = 14 km/hr,

 Stream = 16 12 = 2 km/hr
- (20) Total distance = 300 m = 0.3 km

 Time = 0.3 60 x60 = 18 sec
- Boot speed = 10 km/hr

 Boot speed = 10 km/hr

- (3) Total length = hoom, S = 100 Km lbx = 24.78 m/s

 Time = 400 = 14.4 see
- (3) Swim 20. Km, U.S = 2hr.

 Atream = 2 Km/h
- (m) Train length = 20x12 = 240m

 plat form = 20x6 = 120 m
- Boad = 20 Km/hr $\left(\frac{40}{20\%-x}\right) \left(\frac{40}{204x}\right) = 1 5$ Hereown = 2 hm/hs