27/1/2025

Day 4 Aptitude Average & Time and Wools,

ocal in inside. however

- 1) Robit 5000e = 70,75,80 marks in 3 text. Average = $\frac{70+75+80}{3}$ = $\frac{295}{3}$ = $\frac{175}{3}$
- 2) 5 friends ages = 10,12,14,16,18. Average = 10+12+14+16+18 - 70 - 14)
- 3) Average weight of 5 boxes is lokg. total weight = 10 x5 = 50 kg
- 4, Meesa work shows per day sor 5 days. Total hours = 2 mldg x5 day = lo hours]
- 5) Machine completes tools in Thomas . Laids in Thom and done per hour = 1 = 0.25
- 69 person paints a wall in 3 hours. How much re paint in 2 boy work per how = $\frac{1}{3}$

 $2h6s = 2x \frac{1}{3} = \begin{bmatrix} 2 & \text{of } \omega \text{al} \end{bmatrix}$

6 workers finish gob in 8 days, riwork done by 1 worken in a day.

Total work = 6 x8 = 48 worker-days

worker = The of modern 81 Avg 6 no's in 15 56% - m wob (= = 6 x 15 = (90) 9, Avg score of coidet player in 4 matches is so Total Score = 50 x4 = 200) 10 9 4 worker finish on in 12des how many days 2 wodger talie - 08 x Total work = 4x12 =48 workerdes 1) team of 5 workers can build wall in 6 days. How many days will to worken take. Total world = 5x10 = 50 .. 1151 topino 10 worker 50 = 55 days pm 13/ 12) 5 workers build walt in to day.

A & B together work 12 days. A alone can do

st in 20 days: Now long B take. Total world = 1cm (12, 20) 7,60 A' rate = 60 = 3 unibles A+B = 60 = 5 units / day B rate = 5-3 = 2 unit on a pyh . FI Batake = 60 = 30 days 88.88 = 11/3/14 = 84.

13. Man paint a house is down son in So days. How land talle working toge. Man = 15 Together= 675 + 20 60 100 60 Son = 1/20 1/me = 60/7 = 8.57 day . Aly store it istates player in a matches is a 14. Avg of 5 numbers is 20, one not removed, Ag becomes it sine semoved no Sum of 5 no = 6x20 = 100 5-1 = 41 = 4x.18 = 72 p_{emoved} no = 100 - 72 = 2815. Avg weight 10 students = 30lcg. 2 stide ouight esten, 35 kg. Total weight = 10 x 30 = 300 1cg weight left = 300 - (25+35) = 300-60 = 2 40 New avg 240 = 30/c9) 16. 3 people work 6,8,12 days How Yong take cooking h , epot of slows radigat 8 together $1xt - \frac{1}{4}$ 54m = 1 cm of 6,8,12 = 24 2nd = 18 3 constant = 2 constant =17. Avg & no = 35 -> 8x35=280 3 n0 = 40 + 45 + 50 = 135 5um = 280 + 135 = 415Avg e + 3 = 11 AV9 = 415/11 = 37.73

18) Total =
$$10 \times 25 = 250$$

Agy 10 11 91

Sum = $250 - 40 = 210$

Avg = $210 = 23.33$

20) Total =
$$7 \times 30 = 210$$

Rem Sum = $210(242 = 168)$
Avg = 168 = 28

23) Shange =
$$20 - 10 = 10$$

 $sum = lax 50 + lo = 510$
 $Avg = 510$
 $lo = [5]$

3/1 - 60/165 /112

24/ Silling = 1/8 Contra = 1/2 $sate = (\frac{1}{8} - \frac{1}{12}) = \frac{3-2}{24} = \frac{1}{24}$ Time = 1/(24) = (24hour) 1 \$ B well is 20 day 25) A = 10 Br 15 Gil John Mate LCM = 60

Pa day f(6) + 4+3 = $\frac{13}{60}$ = $\frac{13}{60}$ = $\frac{13}{15}$ = $\frac{13}{15}$ Work left = 1 - 13 = 2/15018 = 1912 19 79) A+B = 1/10 188 F - 59 5 6/4 B = Y15. A = (A+B) - B = (100) - 15A work for a day = 1 A 1 = 37.8 1 /30 5 10,15 A & B woods to gether = 12-5c 1's work = x x 100 100 100 1000 1000 (A+B); work = (12-20) x)
Total work =) $\frac{7}{30} + \frac{12-7}{10} = 1$ 2 + 36 - 37 = 306 = 23 3 = 20)