

Pre-Placement Training and Aptitude

1) Mon to Thu - 50°

Thu - Sun - 40°

① Weekly Average = 48°
Thu = ?

② Thu - 48°
Weekly Average

$$\text{Mon} + \text{Tue} + \text{W} + \text{Th} = 50 \times 4$$

$$\text{Th} + \text{F} + \text{Sat} + \text{Su} = 40 \times 4$$

$$\text{Mon} - \text{Sun} + \text{Th} = 50 \times 4 + 40 \times 4$$

$$48 \times 7 + \text{Th} = 50 \times 4 + 40 \times 4$$

$$\text{Th} = 50 \times 4 + 40 \times 4 - 48 \times 7$$

① Th = $50 \times 4 + 40 \times 4 - 48 \times 7$

② Weekly Average = $\frac{50 \times 4 + 40 \times 4 - 48}{7}$

$$2) \quad 3^{\text{rd}} \text{ day} \Rightarrow 3 \times 20 + 5 \times 30 - 28 \times 7$$
$$= 14$$

$$28 \Rightarrow 60 + 150 - 7n$$

$$\Rightarrow 7n = 182$$

$$\Rightarrow n = 26$$