

Answer:

1) Interest on Partners Capital

Particulars	Alka (Amount Rs.)	Archana (Amount Rs.)
Capital Balance as at 31-03-2019	4,00,000	3,00,000
Add: Drawings	40,000	20,000
Less: Profit for the year	(1,00,000)	(1,00,000)
Capital Balance as at 31-03-2018	3,40,000	2,20,000
Interest on Capital @ 10% p.a.	34,000	22,000

2) Interest on Partners Drawings

$$\text{Alka} = (10,000 \times 4) \times \frac{4.5}{12} \times 6\% = \text{Rs. } 900$$

$$\text{Average period} = \frac{9+0}{2} = 4.5$$

Archana

Date	Drawings	No. of Months	Product
31-05-2018	8,000	10	80,000
01-11-2018	7,000	5	35,000
01-02-2019	5,000	2	10,000
		Total	1,25,000

$$\text{Interest} = 1,25,000 \times \frac{1}{12} \times \frac{6}{100} = \text{Rs. } 625$$