

4① Central angle for 105 marks out of 540

$$= \frac{105}{540} \times 360$$

$$= 70^\circ$$

∴ Students gets 105 marks in Hindi.

① Marks in Mathematics = $\frac{90}{360} \times 540$

$$= 135$$

required difference = $135 - 105$

$$= 30$$

② Marks in social science = $\frac{65}{360} \times 540$

$$= 97.5$$

Marks in science = $\frac{80}{360} \times 540$

$$= 120$$

Marks Maths + S.S = $\frac{135}{+97.5}$

$$\underline{232.5}$$

Marks in Sc. + Hindi: $\frac{105}{120}$

$$\underline{325}$$

∴ yes

OR

Central L.S of Math + S.S. = $90 + 65 = 155$

Central L.S of Sc + H = $70 + 80 = 150$ yes.