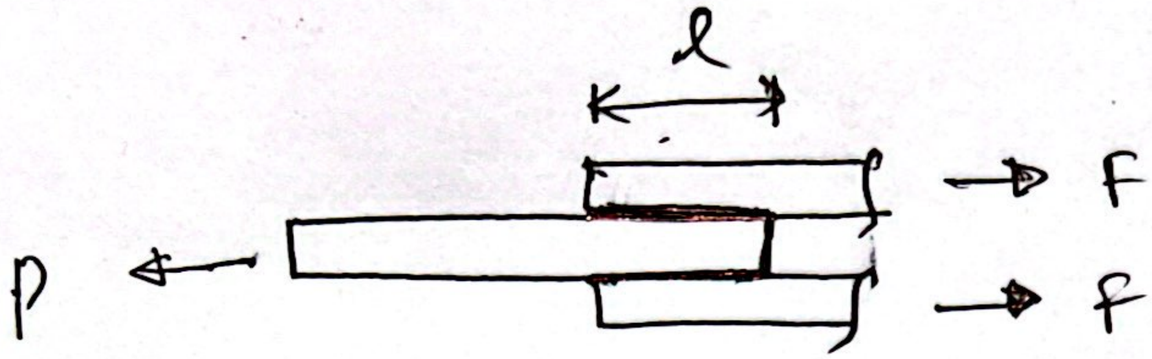
Solution For Clantat -01



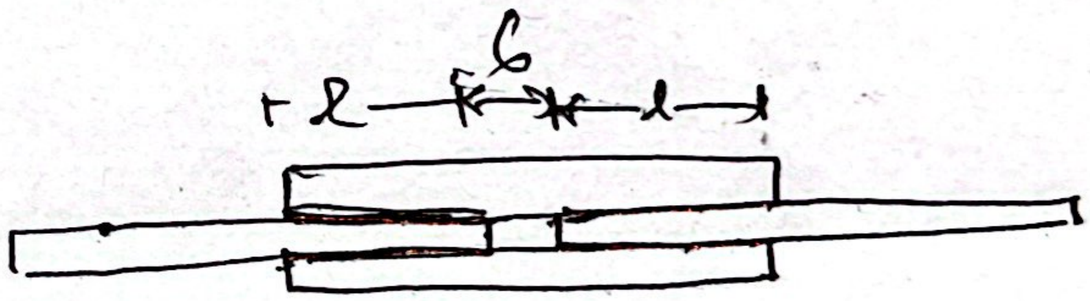
Let l Length of glue

There are two shear surface. It is a double Shear problem.

$$\tau = \frac{P}{2A} \text{ or } \frac{F}{A} \quad ; A_{shear} = l \times 125$$

$$2.5 = \frac{16 \times 1000}{2 \times l \times 125}$$

$$l = 25.6 \text{ mm}$$



$$L = l + 6 + l$$

$$= 25.6 + 6 + 25.6$$

$$\boxed{L = 57.2 \text{ mm}}$$

Scanned with CamScanner