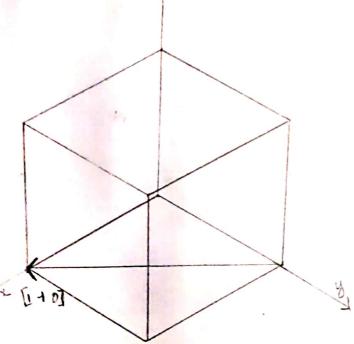
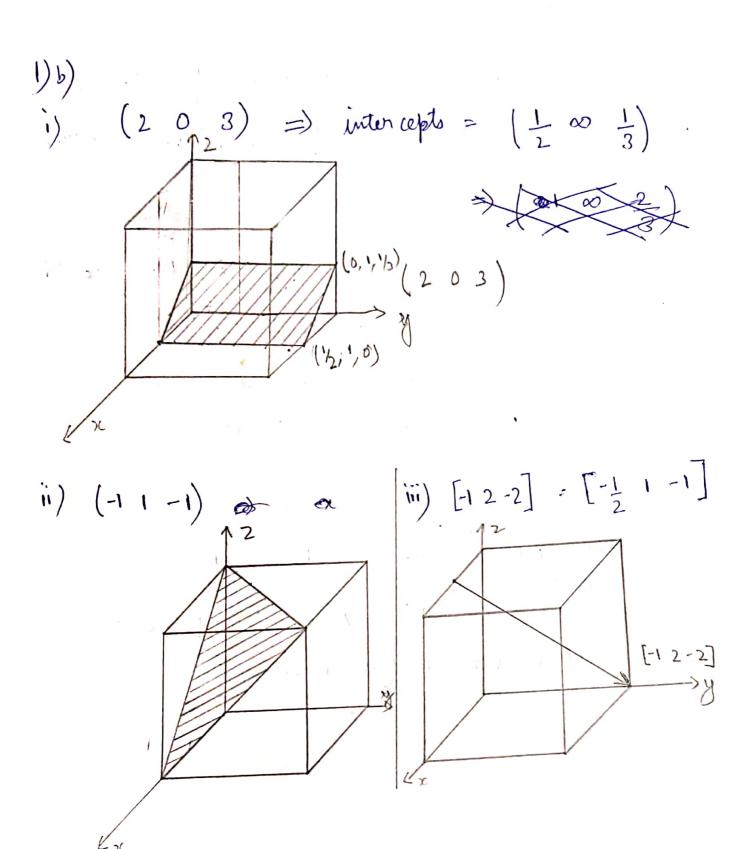
Q1) a) For the miller indices of line of intersection of planes (-1-11) and (-1-1-1) in a allice system:

We know that the time of intersection would be parallel to both the planes.

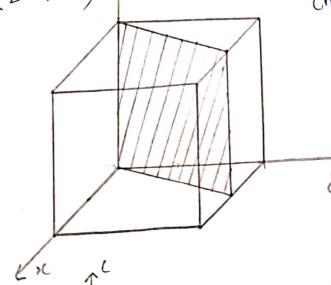
Now, we know that miller indices in a cultic crystal system represent the normal to that plane.

... The miller moders of him of intersection would be $(n, \times n_2)$ (bross product)

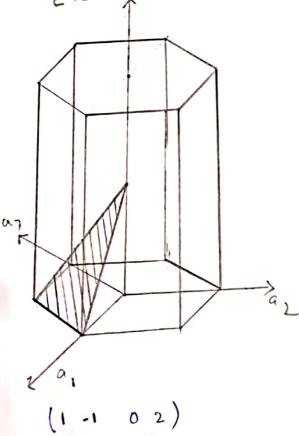




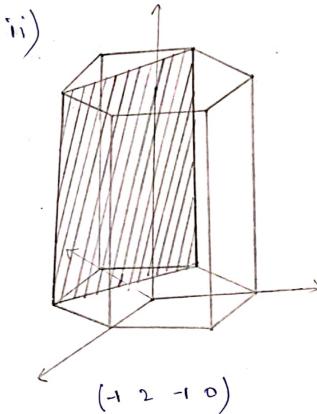
$$\left(\frac{1}{2} - 1 \quad 0\right)$$



9)



=) Intercepts (1-1001/2)



=) Intercepts => (-1 1 -100)