27/03/25

ASSIGNMENT - VELOCITY OBSTACLES

1.

$$V_A = 20\%$$
 m/s. J

$$V_{B} = 25 \text{ m/s} \left[ \frac{3}{5} + \frac{4}{5} \right]$$

$$Y_A = Y_B = Y_C = 5 m$$

Assumed position

2

Distance b/w A&B = 112m

tonsiding that it will take man than 55

$$||V_{a,B}|| \neq \geq \frac{||1|^2 - |0||}{5} = \frac{20.4 \text{ m/s}}{5}$$



