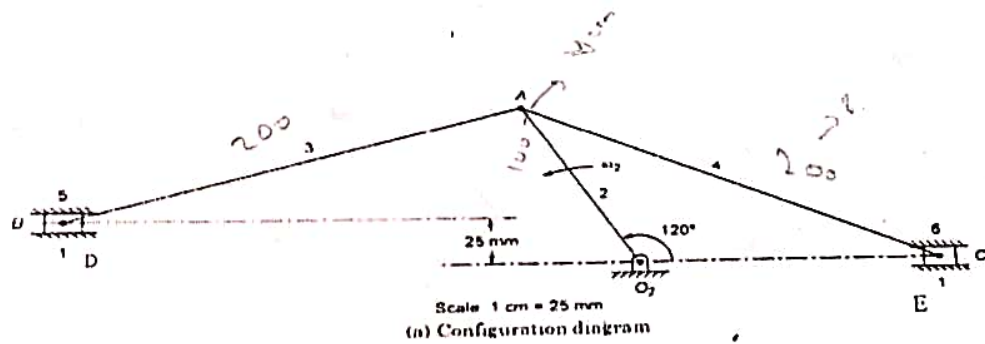


# TEST 1 KOM

1(a) Explain crank and slotted quick return mechanism (3)

1(b)



Double slider crank mechanism as shown in figure

$$\omega_2 = 10 \text{ rad/s (constant)}$$

Determine velocity & acceleration of each

slide

$$O_2A = 100 \text{ mm}$$

$$AB = 200 \text{ mm}$$

$$AC = 200 \text{ mm}$$

(17)