Published on *Mechanical Engg Simple Notes*, *Solved problems and Videos* (https://mechdiploma.com)

Home >	In s	slider	crank	mechan	ism,	the	length	of o	crank	OB
and	• • • • •	••								

In	slider	cranl	k mech	ianism,	the	length	of c	rank	OB
ar	ıd	• • • • • •							

Question:

In slider crank mechanism, the length of crank OB and connecting rod AB are 130 mm and 500 mm respectively. The centre of gravity G of the connecting rod is 275 mm from slider A. The crank speed is 750 rpm in clockwise. When crank has turned 45 from inner dead centre position determine (i) velocity of slider 'A' (ii) velocity of centre of gravity of connecting rod 'G'.

Answer:

