

Solve Instructions to the Students: 1. Figures to the right indicate 2. Assume suitable data, if an (a) None of the link fixed (b) Elliptical Trammel (c) Elliptical Trammel (d) Stiding pair (b) Rollin (e) Solve sody is called as (a) Body centrod (b) Spac (b) State and Explain Kennedy's The crank makes 180 rpm in clock dead Centre position, determine by n (a) angular velocity of connecting rof of a s (c) angular velocity of a madds. Find the velocity of point I method		€		₩	rstRan O	ker.con	n	www.	FirstRanke	r.com					*
ode: BT-MEC -1 Hr1 Hr1 inner -1 i	B B O 2 D D D D D D D D D D D D D D D D D D		The crank makes 180 rpm in clockwise direction. When it has turned dead Centre position, determine by relative velocity method, 1) velocity angular velocity of connecting rod,3) velocity of point E on connecting gudgeon pin, 4) velocities of rubbing at the pins of cranks crosshead when the diameters of their pins are 50 mm,60 mm and 30 mm.		 <u> </u>	Dire on s	(a) Body centrod (b) Space centrod (c) Axode If the links moves in opposite direction, rubbing velocity (d)		(c) Two of the links are fixed Which of the following is an inversion of si (a) Watts indicator diagram (c) Elliptical Trammel	A kinematic chain is known as a mechanism (a) None of the link fixed		indicates	Date:-	Theory of Machine - I	Mid Semester Examination – March 201
3* Mark 6 6		ilimensions are 400 mm, orm speed of 100 antaneous Centre	d 45 from inner y of piston, necting rod 1.5m shaft, crank and nm respectively.	ong respectively.	Journal of Possess	another point	e .	ng Pair otion of the	13	ixed				Code: BT-MEC	19 Sem · III