

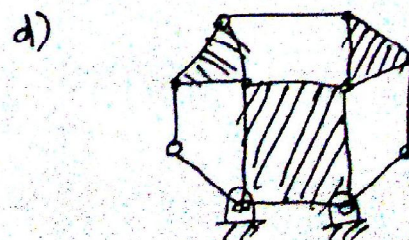
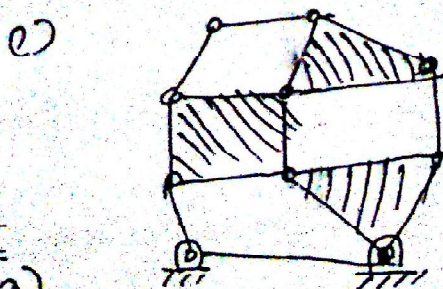
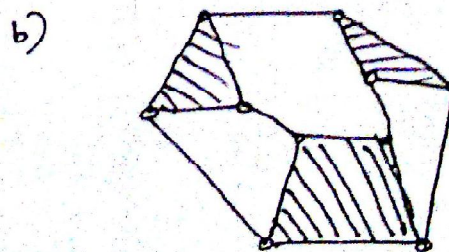
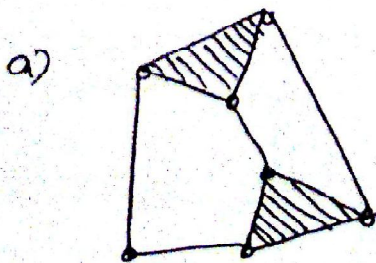
(12) Arrange the mechanism types from the following formation?

C	X	Z	B	A	Y	X	J	R
N	L	R	K	Z	J	L	H	I
B	B	A	Z	M	N	K	D	L
O	Q	T	M	Q	K	Z	E	R
R	S	C	R	P	K	R	X	Z
T	U	H	F	E	I	T	I	U
W	A	E	N	M	K	N	N	S
A	Z	T	B	K	R	M	G	N

Ans:

1. clamping. 2. Ratchet 3. Indexing.

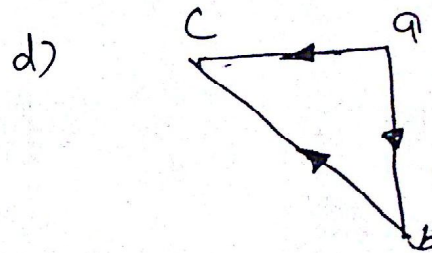
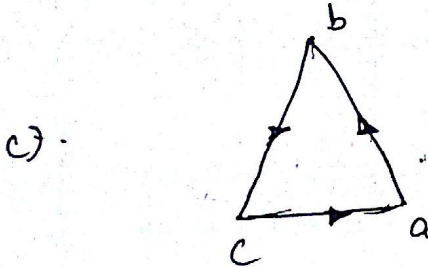
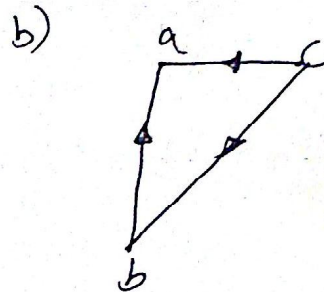
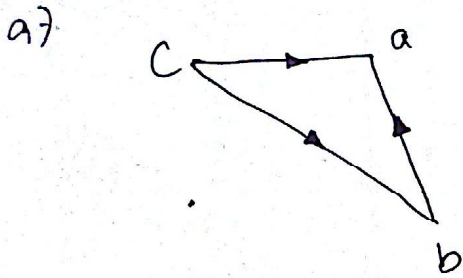
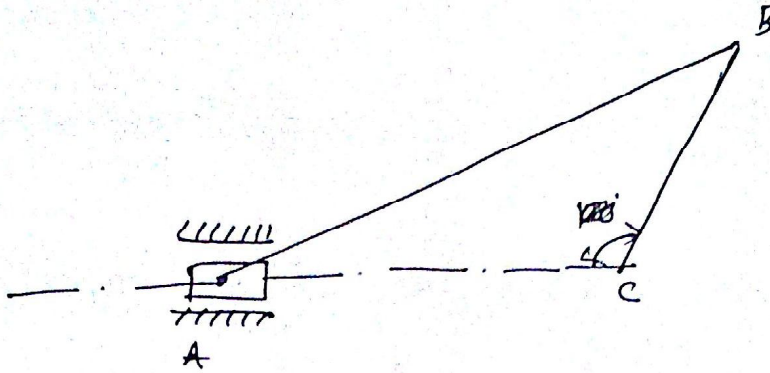
(13) Find the six link mechanism from the following figures.



Ans:

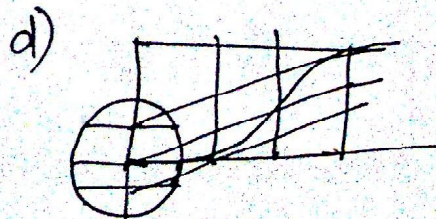
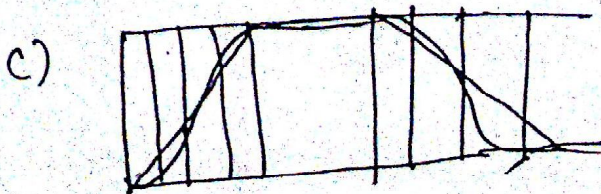
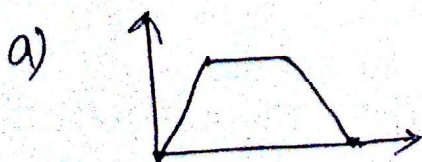
(c).

14) Find the velocity diagram for the given slider crank mechanism.



Ans:- (a)

15) Identify the displacement diagram for the simple harmonic motion from the following figures!



Ans:- (b)