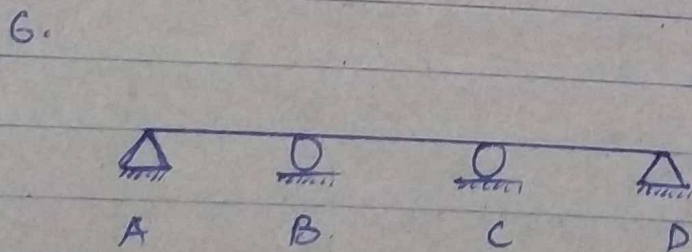
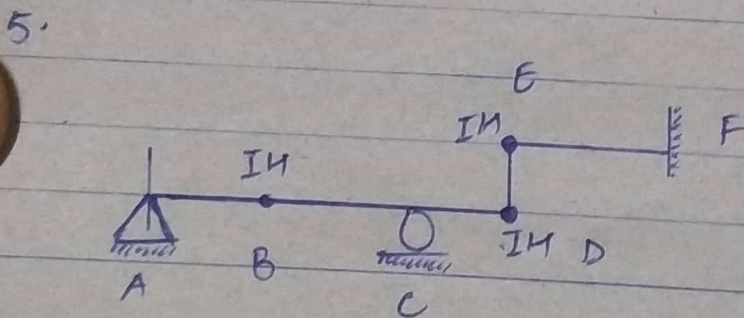
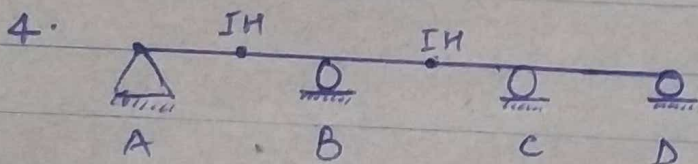
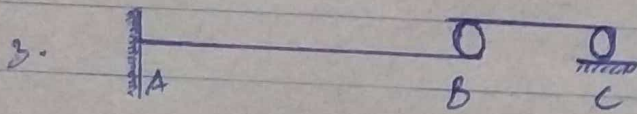
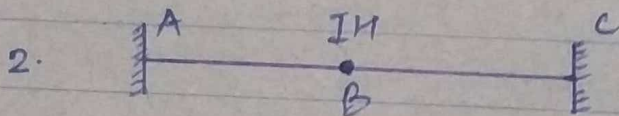
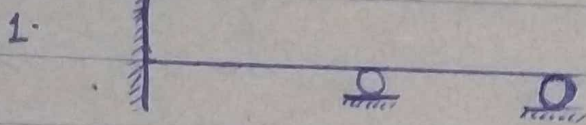


TUTORIAL-2 { STATIC INDETERMINACY KINEMATIC INDETERMINACY }

① BEAMS

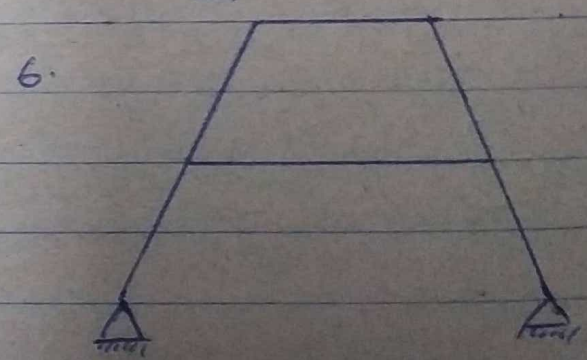
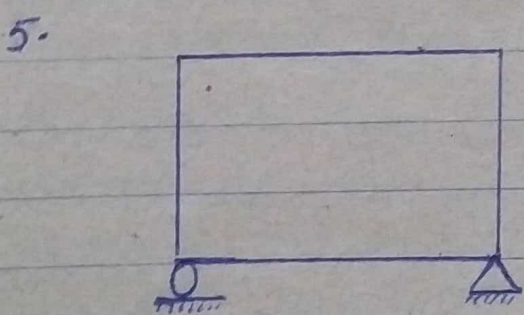
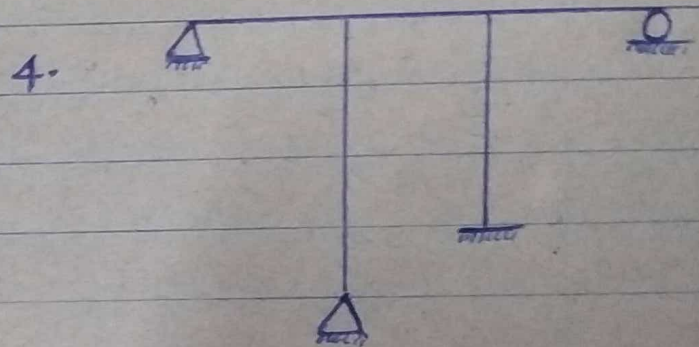
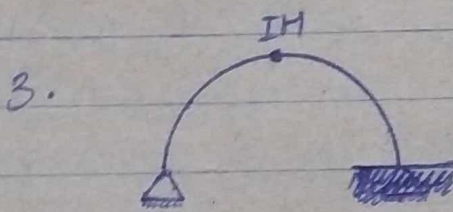
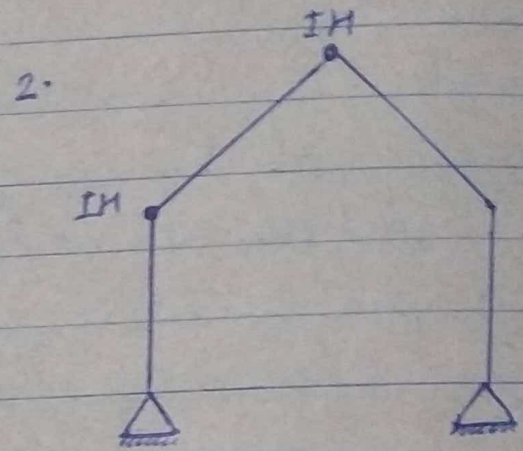
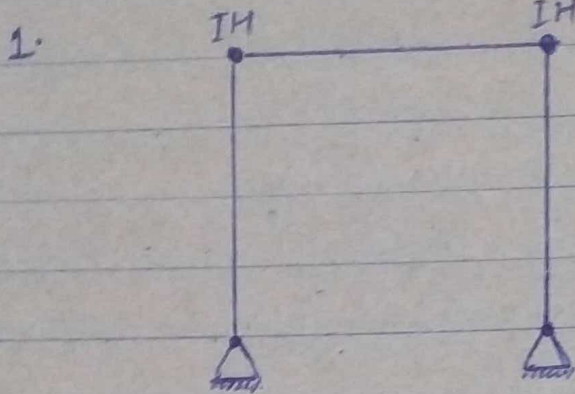
Q Determine KINEMATIC INDETERMINACY and STATIC INDETERMINACY of following beams.

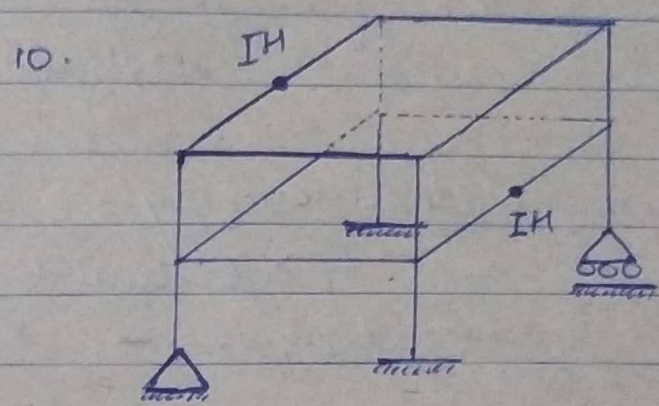
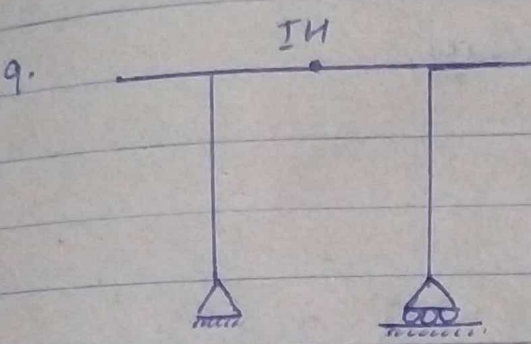
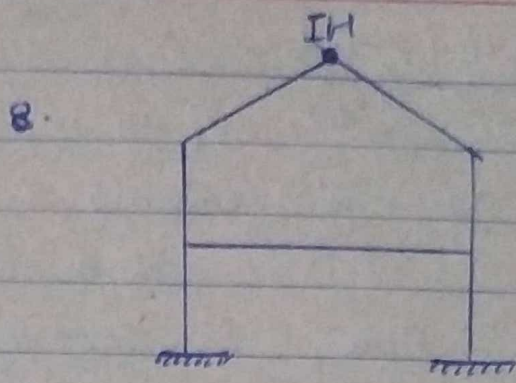
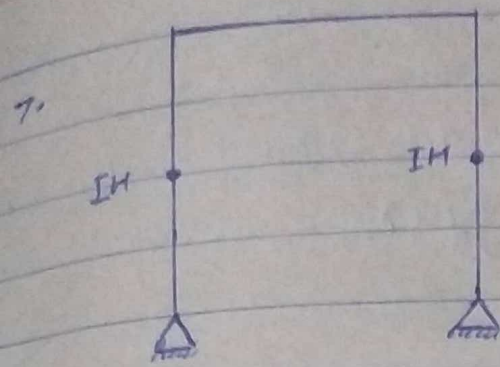
(neglect all axial deformation)



② FRAMES (2-D)

Q Determine Static Indeterminacy and Kinematic Indeterminacy of following frames (neglect all axial deformations).

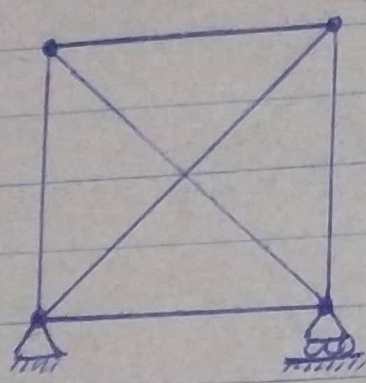




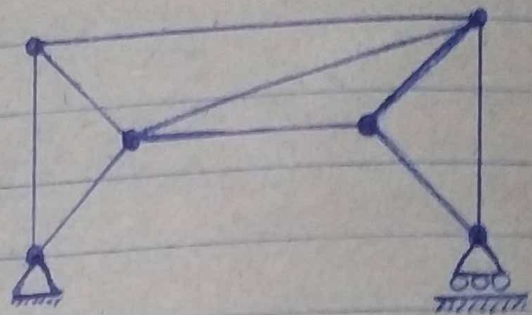
③ Trusses

① Classify each of the trusses as statically determinate, statically indeterminate, unstable, and also calculate degree of static indeterminacy -

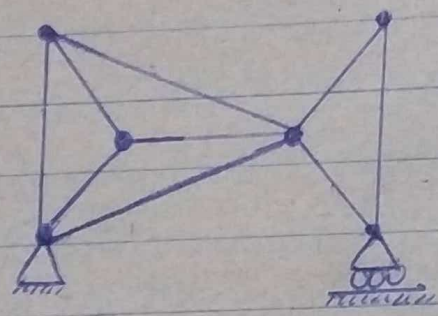
1.



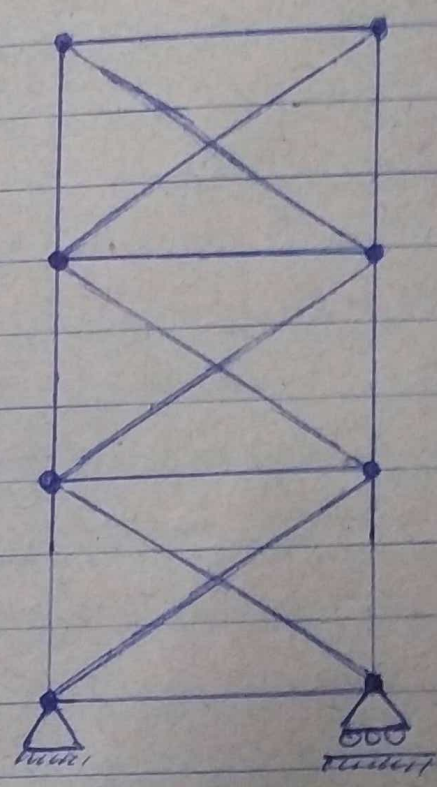
2.



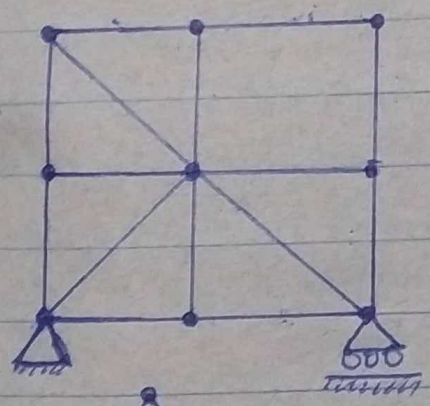
3.



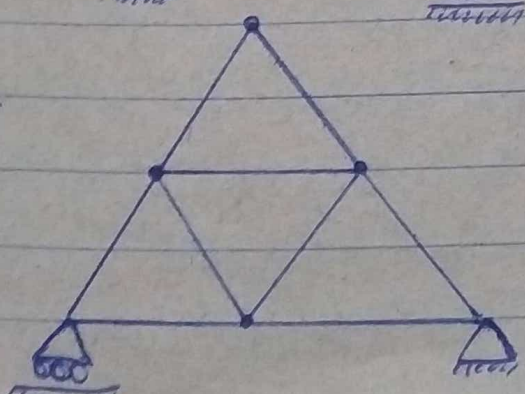
4.



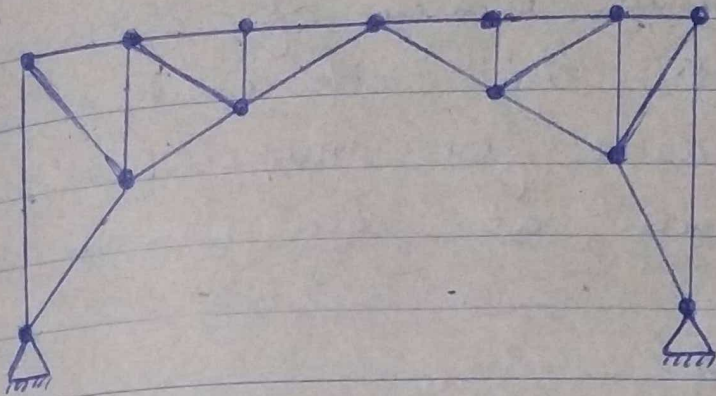
5.



6.



7.



8.

