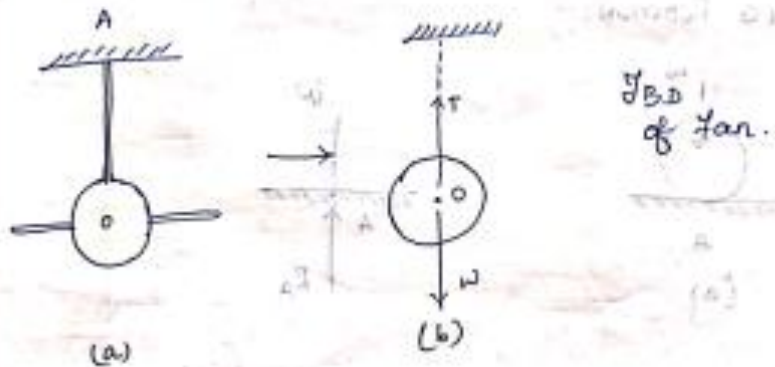


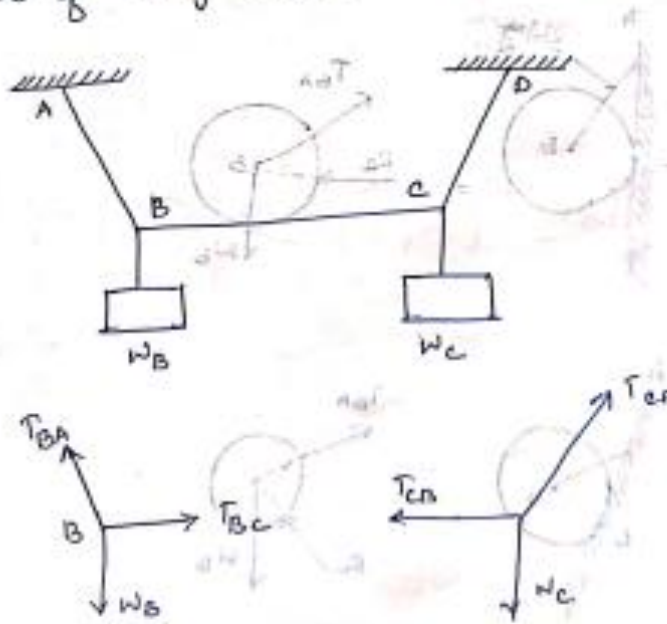


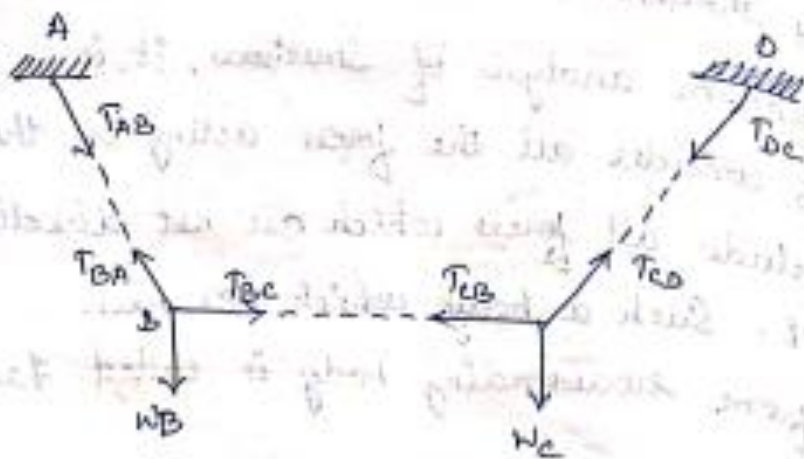
FREE BODY DIAGRAM:

In equilibrium analysis of structures, it is necessary to consider all the forces acting on the body or exclude all forces which are not directly applied to it. Such a body which has been separated from surrounding body is called Free Body.

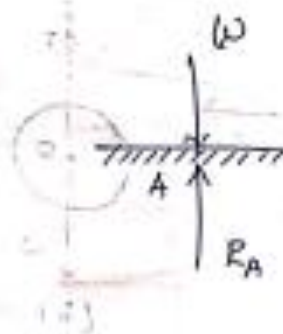
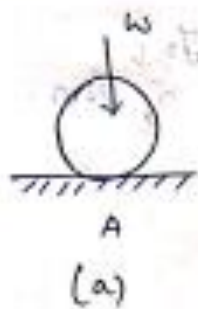


FBD of String ABCD:





ACTION & REACTION:



FBD:

