- function using the correpts of mechanics. It studies me concept of motion in bodies using the knowledge of mechanics. Binmechanics is generally used to study the general locamation of the human beings, motion of binds on streamline movement of fish.

  If we talk about human movement, biomechanics is beauty used to study attribute movement, used to study the most effective pasture on less farigue exercise in order to get more productivity and less injury. Tracking the centre of moss helps handle load during training. So, the understanding of motion
- Yes, this statement is prefly drue. The tails of big can like ligen on cheefah do play a note is maintaining balance during sharp turns in pursuit of pricy. During their sprint they have to readily move to a zig-zag manner, manerousing skillfully. During sharp turns, their centre of gravity may fall out of the body and hence they crash but the strong muscle of the tail and especially the smuscle at the end of the tail which is thrown in the other direction helps to counter balance the inertia.

of biological pasets helps us protect it too.

counter-balance and help Higer take shoup turns, The thick long tail of tiger which is 3 ft approx in length does not swiftly move in ain but remain in these mini-balances help the Inential position.

AR

when the body is in static equilibrium, the principle system which undergoes Winthuck chisplacement. least action needs all virtual work to be zero. work done by the world to the total \* Virtual BURHOL

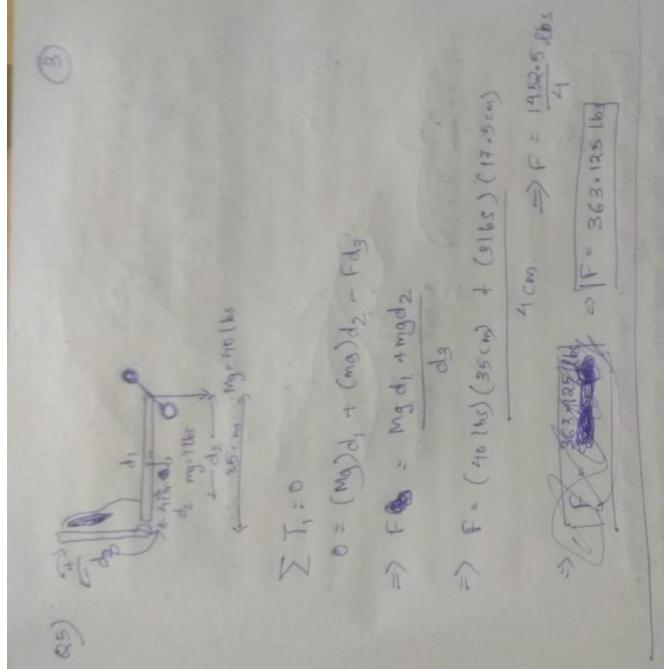
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intent connected by earl mone with Hespect to each other. this is used in multianial systems. The posterning to defermine stability of systems. \*) This is generally used in systems where the parts wa

in equilibrium

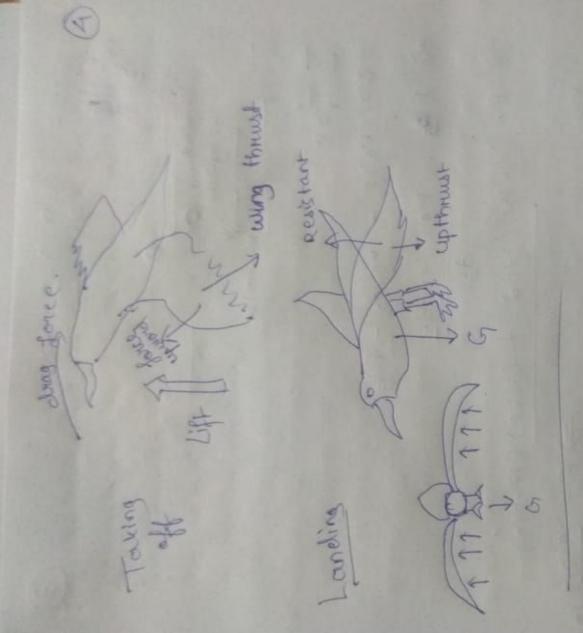
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When so as to check vanious other equilibrium positions to know which is more stable.



93) Landing.

During landing the buayancy thrivet upwords and about of the about of the about of the air is britisk the Landing becomes mone easy. Their
wellood feek and used as hydroplanes . If thene
is no wind then the bird has to come down at a
greater speed and depend upon their feet to do the necessary breaking, they need the ain other wise with such high speeds they may come chashing borned. bushak



Taking off

During taking off it was like a long numay.

They run into the head wind and schrenger winds helps in greater lift. It generally launch off them the clift edge if the wind is blowing so, the wings it. It was dynamic sooning so, they lock their wings in the gliding position hear spend text energy to fly.

Flanninger can stong on one leg from mons time mather than a legs as it neduces its judique The flaming actually has the knee hear to its bedy. This also helps in preceduling body heat as they shed a lot of heat. body weight. Thalange 1 ground

you Haminga to stand still on one log without The interitocking and the balance of the centre the help of muscles and without fatigue in rusting position.

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