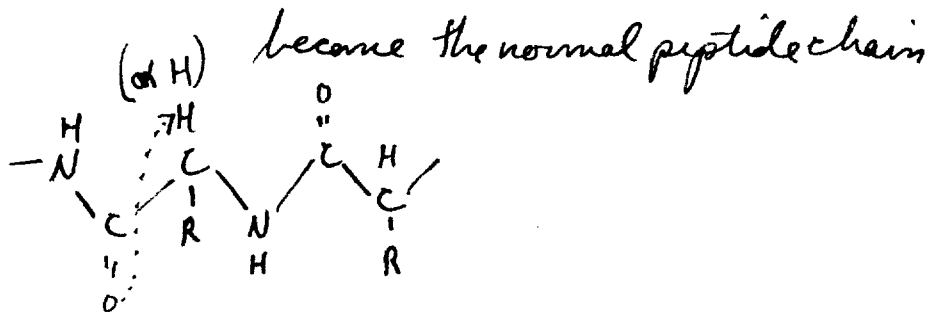
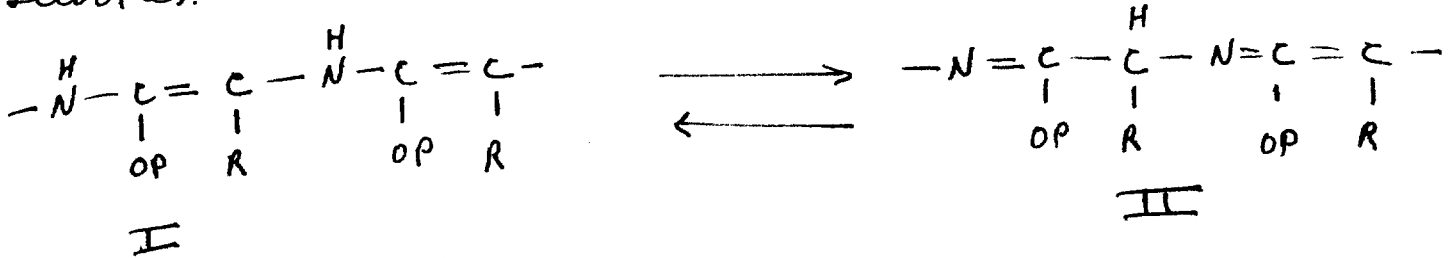


4/15/46.

Muscle contraction may be due to ~~the~~ the increased number of configurations when, on ~~pho~~ hydrolysis of phosphate, structures such as:



Isotope tests: In I the ~~carbon~~ <sup>H</sup> is labile and should exchange without involvement of the -NH<sub>2</sub> Hydrogens.

In II αH exchanges with NH<sub>2</sub>-H, and both of these are equally labile. If NH<sub>2</sub>-H can also exchange by other reactions it may be more reactive than αH however.