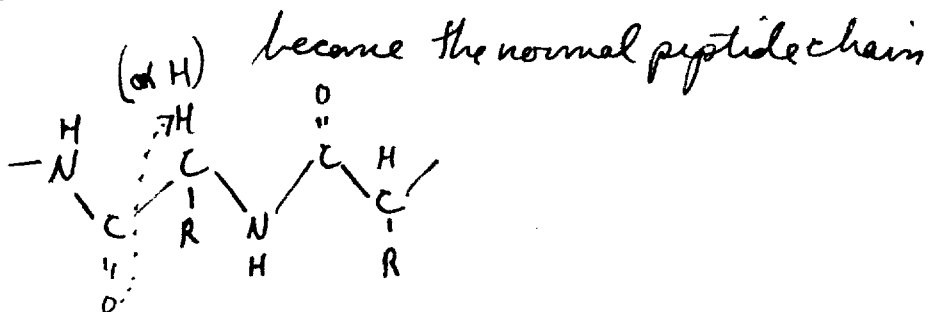
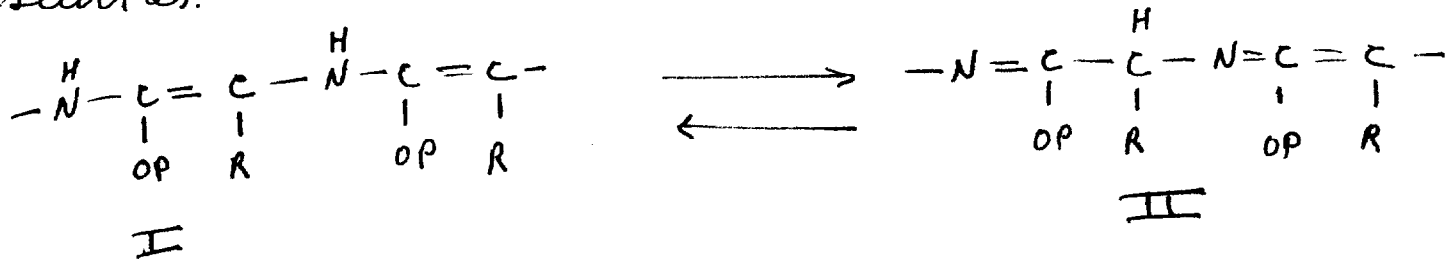


4/15/46.

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




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

In II dH 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 dH however.