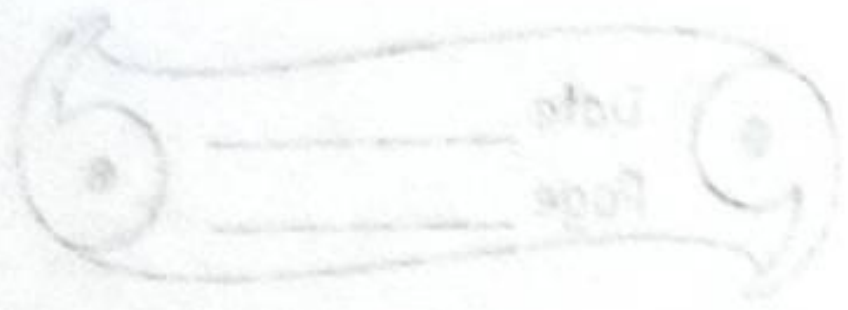


14) A wound up spring has potential energy. As the spring unwinds itself, the potential energy changes into the kinetic energy. This kinetic energy does work in moving the arms of the watch.

15) Suppose a body is raised to a certain height, called h , its velocity is '0'. Kinetic Energy will be '0' but the body will have Potential Energy.

$$PE = mgh$$

- 16) a) KE
- b) PE
- c) PE
- d) KE
- e) KE
- f) PE
- g) PE



17) when there is a steel attached (in a circuit) with a battery, the IR was PE but when it is released it converts into KE.