

Joseph  
Crawford

1707750

## Control Exam 2021

1. a) Measurement is the act of determining the actual traits of something such as dimensions or Capacity. Whereas monitoring is to watch closely in order to observe, record or detect. ~~changes in~~
- b) The two main types of error in measurement are random (chance) errors and systematic (biased) errors. Random errors are usually a result of the experimenter's inability to take the same measurement in exactly the same way in order to get the same result. Systematic errors are ~~reproduct~~ reproducible inaccuracies that are consistently in the same direction.
- c) ~~Change in length of gauge~~  
A strain gauge is a sensor whose resistance