Introduction.
Brain Computer Interface.

- A computer based system for interacting with the human brain.

- Acquire, analyze and translate brain signals into commands to O/P devices.

- Can be:

  - Invasive

  - Partially Invasive

  - Non-invasive

Introduction.

Electroencephalography.

- EEG is inexpensive, non-invasive and completely passive.
- Records electrical signals from the scalp.
- Electrode location and names specified by the International 10 – 20 system.
- The name is generally an acronym of the brain lobe.
- Odd # in left, even # in right.
- Greater # means more distance from the center.
- Electrodes on midline marked with Z (zero).