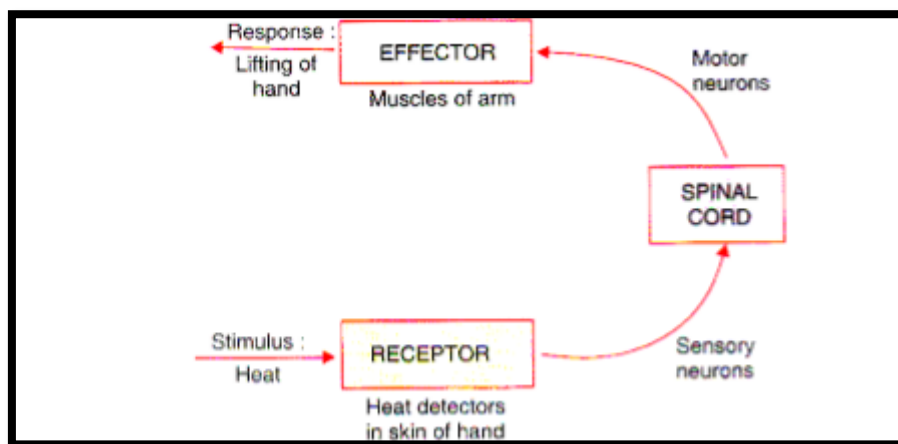
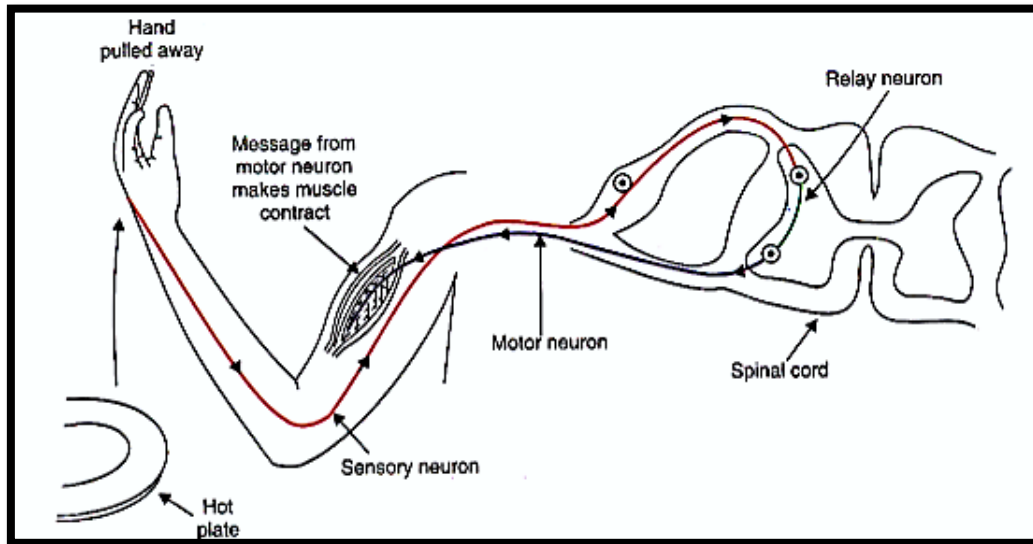


## CONTROL AND CO-ORDINATION

### REFLEX ACTION AND REFLEX ARC

#### Reflex Action:



#### REFLEX ACTIONS

- "Marshall Hall" first observed the reflex actions.
- Reflex actions are spontaneous, automatic, involuntary, mechanical responses produced by specific stimulating receptors.
- Reflex actions are completed very quickly as compared to normal action
- The path of completion of reflex action is called "**reflex arc**".

**Examples of reflex actions:**

- (i) Withdrawal of hand when pricked with a needle.
- (ii) Closing of eyes when flashed with strong light.