

Q1 What do you mean by nervous ~~say~~ coordinated

Ans This coordination is brought about by the nervous system. It consists of the brain, spinal cord, nerves and the sense organs.

When you try to feel thirsty, the brain gets involved and a number of coordinated activities take place.

You see the bottle, you receive a message and you take the bottle, and swallow the water.

Q2 Define reflex action and reflex arc.

Ans Reflex action is the quick, immediate and automatic response to a stimulus without the involvement of the brain.

Reflex arc is the shortest pathway of the nerve impulse from a receptor to the effector which makes a reflex action possible.