

Life Science

Class IX

Theme: Levels of Organization of Life

Sub-theme: Major Organs of Human Body and their Function

1. Write the location and role of the brain in human body.

Ans. **Location:** The human brain is a major part of the central nervous system. It is located above the spinal cord in the skull or cranium.

- Role:**
- i. It controls thoughts, memories, intellect, etc and other feelings like pressure, heat, pain, hearing, vision, smell, etc.
 - ii. Controls body balance.

2. Write the location and role of the spinal cord in human body

Ans. **Location:** It is located below the medulla oblongata of the hindbrain within the neural canal of the vertebral column.

- Role:**
- i. Controls reflex actions.
 - ii. Transmits the impulses from various parts of the body to the brain and helps in sending the instruction from the brain to various parts of the body.