

DR. R. N. INTERNATIONAL SCHOOL

UNDER THE AGIS OF S. S. SITARAMSINGH EDUCATIONAL AND CHARITABLE
TRUST

MOHANPUR, SITAMARHI- 843302

5. Human Body

Word Meanings:-

Cell - कोशिका

Tissue - ऊतक

Organ - अंग

Compose - निर्मित / बना हुआ

numerous - अनेक

Fundamental – मौलिक / आधारभूत

Specific - विशिष्ट / विशेष

Filter - छानना

Circulatory system – परिसंचरण तंत्र

Skeletal System – कंकाल तंत्र

Skull - खोपड़ी

Muscular system – मांसपेशी तंत्र

Digestive System - पाचन तंत्र

Transform - बदलना / परिवर्तित करना

stomach - पेट

eventually - आखिरकार

expelled – बाहर निकाला गया / निष्कासित

Respiratory system - श्वसन तंत्र

exhale – साँस छोड़ना

eliminate - बाहर निकालना / हटाना

Excretory system - उत्सर्जन तंत्र

accumulate - इकट्ठा करना / जमा करना

gradually - धीरे-धीरे

Nervous system - तंत्रिका तंत्र

Reproductive System - प्रजनन तंत्र

Exercises

A. Tick the correct option

1. What are the fundamental units of life in our body?

- a) Organs
- b) Tissues
- c) Cells (Correct)
- d) Systems

2. Which of the following is an example of an organ?

- a) Muscle
- b) Blood
- c) Kidney (Correct)
- d) Nerve

3. What is the primary function of the skeletal system?

- a) Digesting food
- b) Filtering blood
- c) Protecting organs and enabling movement (Correct)

d) Transporting oxygen

4. The muscular system is essential for:

a) Breathing

b) Circulating blood

c) Moving bones

d) All of these (Correct)

5. Which organ system is responsible for obtaining oxygen for energy production?

a) Digestive system

b) Respiratory system (Correct)

c) Circulatory system

d) Excretory system

B. Fill in the blanks

1. The Digestive system helps in the digestion of our food.

2. Our body is composed of numerous small cells.

3. The primary function of the respiratory system is to obtain oxygen for the breakdown of digested food.

4. The Nervous system consists of the brain, spinal cord and nerves.

5. cells form a tissue and tissues together form an organ.

C. Match the following

1. Cells - b) Fundamental units of life

2. Tissues - c) Group of similar cells

3. Skeletal system - a) Framework of bones

4. Muscular system - e) Enable body movement

5. Nervous system - d) Brain, spinal cord and nerves

Question and Answers

1. Explain the relationship between cells, tissues and organs.

Answer: Cells are the tiny building blocks of our body. Similar cells groups together to form tissues, and different tissues combine to make an organ.

2. How does the skeletal system contribute to the movement of the body?

Answer: The skeletal system provides the bony framework for our body. Our muscles are attached to these bones and pull on them to help us move.

3. Describe the function of the circulatory system?

Answer: The circulatory system uses the heart to pump and travel blood all over the body carrying important oxygen and nutrients to every part.

4. What roles do the kidneys play in the excretory system?

Answer: The kidneys act like filters that clean our blood by removing harmful waste and extra water in the form of urine.

5. How does the nervous system control our actions?

Answer: The nervous system acts like a control centre where the brain receives messages from the body through nerves and tells our parts how to react.