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Prepared on : _____

Subject: Science
L-10 Our body

I. Keywords

- | | |
|-------------------|------------------------|
| 1. Capture | 9. Skeletal system |
| 2. Specific | 10. Respiratory system |
| 3. Filtering | 11. Nostrils |
| 4. Discard | 12. Muscular system |
| 5. Harmony | 13. Digestive system |
| 6. Nervous system | 14. Circulatory |
| 7. Spinal cord | 15. Reproductive |
| 8. Nerves | 16. Capillaries |

II. Pre activity:

Write down the sense organs for the following :

Listen, feel, see, taste, smell

III. Short answer questions.

Write one main function of the following systems:

1. Skeletal system 2. Nervous system 3. Reproductive system 3. Excretory system 4. Circulatory system

Ans.

1. The skeletal system gives shape to the body.
2. The nervous system controls all our actions.
3. The reproductive system is responsible for the continuation of life on our planet.
4. The excretory system helps us to keep our body clean by filtering and letting out waste products from our body.
5. The circulatory system helps to circulate nutrients and oxygen to all cells of our body and collects waste from them.

IV. Long answer questions.

1. What is an organ system?

Ans. A group of organs working together and performing a specific job or role makes an organ system. Our body has eight organ systems that perform eight different functions. The eight organ systems are the Respiratory, digestive, skeletal, excretory, circulatory, reproductive, nervous, and muscular systems.

2. How does the blood flow to every part of our body?

Ans.

- Blood moves in the body through thin tubes called veins, arteries and capillaries these together are referred to as blood vessels.

- The heart pumps blood into the blood vessels.
- These blood vessels carry blood all over our body, right from the tip of our toenails to the roots of our hair.

3. What is the role of the brain in the working of the sense organ?

Ans.

- Our eyes, ears, nose, tongue and skin are five sense organs.
- These sense organs take impulses from the surrounding to our brain and then our body reacts to these impulses.

V. HOTS

1. There are eight organ systems in our body. Which part of the body controls them and how?

Ans. The brain controls the other organ systems of the body by sending messages. These messages travel through nerves.

2. The body lets out excessive water from the body in form of urine. Can you think of any other way in which the human body excretes waste.

Ans. Sweating is another way in which the human body excretes waste. When we sweat, our body removes extra water, salt and some waste through the skin.

VI. Post activity:

Write down any one organ of the following organ systems.

1. Nervous system
2. Respiratory system
3. Skeletal system
4. Muscular system
5. Digestive system

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