

WELCOME TO THE ONLINE CLASS

SESSION NO.: 5

CLASS: 5

SUBJECT: SCIENCE

CHAPTER NUMBER: 10

CHAPTER NAME: OUR NERVOUS SYSTEM

SUB TOPIC: LONG Q & A

CHANGING YOUR TOMORROW

LEARNING OBJECTIVE

To enable the learner to:

- **write the questions & answers.**

A. Tick the correct answer.

1. Our nervous system consists of the brain, the spinal cord and the
 - a. blood vessels
 - b. kidneys
 - c. lungs
 - d. **nerves**
2. A person might faint if his heart does not send enough blood to his
 - a. feet.
 - b. house.
 - c. kidneys.
 - d. **brain.**
3. When we happen to touch a hot object, the sensory nerves immediately pass a message to the
 - a. brain.
 - b. hands.
 - c. **spinal cord.**
 - d. eyes.
4. To clean a blocked nose, we must inhale
 - a. perfume.
 - b. ice.
 - c. **steam.**
 - d. none of these.

B. Write T for true or F for false.

1. The system that controls the other systems is called the respiratory system.

F

2. The cerebellum coordinates the actions of the muscles and makes them work together.

T

3. The actions controlled by the spinal cord are called reflex actions.

T

4. The part of the brain that controls our senses is called the cerebrum.

T

5. The motor nerves bring messages from the sense organs to the brain or the spinal cord.

F

6. The pupil is an opening in our eye through which light enters.

T

7. The ears enable us to keep our balance.

T

C. Complete the series.

1. Bundles of fibers : nerves :: taste buds : _____.
tongue
2. Memory : cerebrum :: heartbeat : _____.
medulla
3. Cerebellum : muscles :: cerebrum : _____.
voice/ senses
4. Eyes : sight :: skin: _____.
feel

D. Write short answers.

1. The brain needs a continuous supply of blood and oxygen. Why?

Ans: The brain needs a continuous supply of blood and oxygen. because the cells present in the brain will die if the supply of blood which carries oxygen is stopped. Blood carries many materials which are necessary for the brain to function properly.

1. What are sensory nerves?

Ans: Sensory nerves are the nerves which brings messages from the sense organs to the brain or the spinal cord.

3. How is our brain protected from injuries?

Ans: The brain is protected by a hard, bony skull. The space between the skull and the brain, and also the inside of the brain, is filled with a clear fluid which serves as a cushion against jerks and injuries.

4. What could happen if we clean our ears with a pointed object?

Ans: If we clean our ears with a pointed object, it may injure the eardrum inside.

5. What is a reflex action?

Ans: Reflex action is a sudden and involuntary action which is controlled by the spinal cord.

E. Answer these questions.

1. What does the nervous system consist of?

Ans: The nervous system consists of:

- a. the brain,
- b. the spinal cord and
- c. the nerves.

1. Name the different parts of the brain. What work does each part do?

Ans: The different parts of the brain are the cerebrum, the cerebellum and the medulla.

a. The cerebrum:

- i. It controls the working of our eyes, ears, nose and tongue.
- ii. It also controls our voice.
- iii. It also helps us to think, learn, remember and recall.

b. The cerebellum:

- i. It controls the actions of the muscles and make them work together.
- ii. It helps us to balance our body and keep us in an upright position.

c. The medulla:

- i. It controls involuntary actions like the movement of the lungs and the heart.
- ii. It remains active even when we sleep and control all the activities going on inside our body.

E. Answer these questions.

3. What are nerves and what are their functions?

Ans: Nerves are long thread-like structures that carry messages between the brain and the other parts of the body. There are three types of nerves in our body. They are:

- a. **Sensory nerves:** The nerves which bring messages from the sense organs to the brain or the spinal cord are called sensory nerves.
- b. **Motor nerves:** The nerves which carries orders from the brain or the spinal cord to the muscles or glands are called motor nerves.
- c. **Mixed nerves:** The nerves which carry messages to the brain as well as bring orders from the brain are called mixed nerves.

4. How does food taste if we have a cold?

Ans: The sense of smell and taste are linked together. So, when we get cold our nose remains blocked and we are not able to smell the food properly so the food doesn't taste good if we have a cold.

5. How can you keep your skin healthy?

Ans: We can keep our skin healthy by following these steps:

- a. Wash your skin with soap and water to remove dirt and sweat.
- b. After bathing we should dry ourselves thoroughly and wear clean and comfortable clothes.
- c. The clothes we wear should be loose enough for the passage of fresh air weather is warm.
- d. A scratch or cut on the skin should be treated with an antiseptic lotion to prevent infection.

HOMework

- Learn the Q & A

LEARNING OUTCOME

The learner will be able to:

- **write the questions & answers.**

THANKING YOU
ODM EDUCATIONAL GROUP