

WELCOME TO THE ONLINE CLASS

SESSION NO.: 19

CLASS: 5

SUBJECT: SCIENCE

CHAPTER NUMBER: 9

CHAPTER NAME: OUR NERVOUS SYSTEM

SUB TOPIC: REVISION-2

CHANGING YOUR TOMORROW

LEARNING OBJECTIVE

To enable the learner to:

- **review the topic.**

A. Do as directed.

1. The optic nerve is a _____ nerve. [Fill in the blanks]
2. The part of the brain that controls our senses. [Give answer in one word]
3. _____ : Sight :: Ear : Hear. [Complete the series]
4. Coloured part of the eye : _____ :: Black spot through which light enters : Pupil. [Complete the series]
5. To clean a blocked nose we must inhale perfume. [Change the underlined words to make the statements correct]
6. It connects the brain to the spinal cord. [Give answer in one word]

B. Answer the following questions.

- 1. Write the names of different parts of the brain. Define the work done by each part?**
- 2. While driving a scooter one must wear a helmet. Why?**
- 3. Cleaning your ears with a pointed object is dangerous. Justify the statement.**
- 4. Compare and find out the differences between all the different types of nerves.**
- 5. Food doesn't taste if we have a cold. Give reasons for your answer.**

ANSWERS

A. Do as directed.

1. The optic nerve is a _____ nerve. [Fill in the blanks]

Ans: Sensory

2. The part of the brain that controls our senses. [Give answer in one word]

Ans: Cerebrum

3. _____ : Sight :: Ears : Hear. [Complete the series]

Ans: Eyes

4. Coloured part of the eye : _____ :: Black spot through which light enters : Pupil. [Complete the series]

Ans: Iris

5. To clean a blocked nose we must inhale perfume. [Change the underlined words to make the statements correct]

Ans: Steam/ Water vapour

6. It connects the brain to the spinal cord. [Give answer in one word]

Ans: Medulla

B. Answer the following questions.

1. Write the names of different parts of the brain. Define the work done by each part?

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.

B. Answer the following questions.

2. While driving a scooter one must wear a helmet. Why?

Ans: Helmet is effective in reducing head injuries. Wearing a helmet helps to reduce the impact of an accident on our head. While riding our scooter, it is very likely that if we are involved in an accident, then the resulting head injuries can be fatal(deadly), if you are not wearing a helmet.

3. Cleaning your ears with a pointed object is dangerous. Justify the statement.

Ans: Cleaning your ears with a pointed object is dangerous because sharp objects may injure the ear canal or eardrum which may lead to a permanent hearing loss.

B. Answer the following questions.

4. Compare and find out the differences between all the different types of nerves.

Ans: The nerves which bring messages from the sense organs to the brain or the spinal cord are called sensory nerves.

The nerves which carries orders from the brain or the spinal cord to the muscles or glands are called motor nerves.

The nerves which carry messages to the brain as well as bring orders from the brain are called mixed nerves.

5. Food doesn't taste if we have a cold. Give reasons for your answer.

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.

HOMEWORK

Learn Ch-9 & 10.

LEARNING OUTCOME

The learner will be able to:

- **review the topic.**

THANKING YOU
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