



ÉCOLE GLOBALE

INTERNATIONAL GIRLS' SCHOOL
Dehradun

HOLIDAY HOMEWORK - CLASS V

SCIENCE

Choose the correct answer.

1. The following are functions of the skull, except:

- a. Protects our brain from injury.
- b. Connects the spinal cord to the brain nerve cells.
- c. Provides structural shape and design for the head and face

2. Without the nervous system, you could not:

- a. eat
- b. breathe
- c. think d. all of the above

3. The three basic parts of the nervous system are:-

- a. brain, veins, nerves
- b. brain, spinal cord, nerves
- c. brain, arteries, nerves

4. Alyssa hurt her knee. Which part of the nervous system is responsible for transmitting information to the brain about Alyssa's hurt Knee?

- a. nerves
- b. brain stem
- c. spinal chord

5. The following are functions of the spinal chord, except:

- a. It controls body functions by sending and receiving messages to the body.
- b. It helps keep our body straight and upright.

c. It helps connect the various organs of the body to the brain.

6. The _____ sends and receives messages through the _____. While the _____ sends and receives messages through the _____.

a. spinal chord - brain - brain - spinal chord

b. brain - spinal chord - nerve cells - spinal chord

c. brain - nerve cells - spinal chord - brain

7. Nate is determined to win the running marathon. Which nerve type in our nervous system will push his muscles to run faster?

a. sensory nerve

b. motor nerve

c. neural nerve

8. Which of the following statements is true?

a. The nerve part of our nervous system is made of nerve cells joined together to form a network throughout the body.

b. Reflex actions are controllable immediate reactions to a situation.

c. Response action and reflex action are the same.

9. This is the biggest part of the brain, making up 85% of the brain's weight

a. cerebrum

b. cerebellum

c. brain stem

10. Which part of the brain controls your balance, movement and coordination?

a. cerebrum

b. cerebellum

c. brain stem

11. The following are false of the cerebrum, except:

a. The right half of the cerebrum controls the right side of your body, and the left half controls the left side.

b. It is the thinking part of the brain.

c. It helps us to keep our balance.

12. This part of the brain is in charge of all the functions your body needs to stay alive, like breathing air, digesting food, and circulating blood. It controls involuntary muscles.

- a. cerebrum
- b. cerebellum
- c. brain stem

13. What does a duck have as an adaptation to swim?

Webbed feet

A beak shaped like a pouch

A long narrow beak to spear fish

Feathers

14. What would happen to the plant if it were turned away from the light source?

The plant would stop growing.

The plant would be unaffected.

The plant would move away from the light source.

The plant would bend toward the light source.

15. The main purpose of an adaptation is to

Help an animal survive

Get food

Provide a habitat

Change the animal's appearance

Fill in the blanks:

- (i) Bones and muscles give _____ to the body
- (ii) Correct _____ makes all parts of our body work well.
- (iii) The _____ parts below the skin are the muscles
- (iv) Do not _____ while sitting.
- (v) The _____ covers our bones and muscles.
- (vi) All parts of the _____ are held together by bones
- (vii) Our body is made of _____ and muscles.
- (viii) There are _____ bones in our body.

Answer the following questions in one sentence:-

1. How many bones are found in our body?
2. Name a part of our body where a longest bone is found.
3. Name a part of our body where a joint is found.
4. What is the correct posture to stand?
5. What is the correct posture to walk?
6. What is the correct posture to sit?
7. Why is exercise important for us?
8. Why is a good posture important?

Answer the following questions:-

- Q1. What are joints? Why do we need joints?
- Q2. Why do we need different types of joints?
- Q3. Why is it advisable to include some fats in our diet?
- Q4. Explain movable joints and its types.
- Q5. How many parts do the brains have?
- Q6. Why do people sometimes lose their memory after an accident?

Q7. Differentiate between

- Cerebellum and Cerebrum
- Sensory and Motor nerve

- Q8. Why are reflex actions faster than the other actions? How do they help us?
- Q9. What is spinal cord? Why do we need to protect it?
- Q10. What protects the brain? Why do we need to take care of our brain?
- Q11. How many types of habitat are there? Why is the habitat important for animals?
- Q12. What can happen if the habitat of the animal is changed?
- Q13. Can we identify the habitat of an animal by its body covering? How?
- Q14. What are the different organs of breathing in animals? How are they different from each other?
- Q15. How does the shape of the body of some animals help in locomotion?
- Q16. What features should animals have if they live in Polar Regions? Why?

Q17. Animals found in grasslands have body parts that help them run fast. Why are these animals adapted to run very fast?

Q18. How is cactus adapted to survive in a desert?

Q19. Why elbows and knees are called hinge joints?

Q20. Draw a labeled diagram of human brain.