



CLASS NOTES-ANSWERS

I. Fill in the blanks.

- 1) There are 206 bones in our body.
- 2) Skin is the largest external sense organ of our body.
- 3) We breathe in air through our nose.
- 4) The nervous system controls the activities of the whole body.
- 5) The reproductive system helps to produce babies.

II. Write true (T) or false (F).

1. All cells are of the same type. F
2. The eyes and the ears are partially external and partially internal organs.
3. The small intestine is a part of the digestive system. T
4. The heart is made up of bones. F T
5. The lungs and the skin are also excretory organs. T

III. Complete the table.

Organ system	Organs	Function
1. digestive system	mouth, food pipe, stomach, small intestine, large intestine, anus	Helps in the digestion of food.
2. respiratory system	nose, windpipe, lungs	Helps take in oxygen that various organs need to function properly and also helps in removing carbon dioxide from the body.



3. circulatory system	heart, blood, blood vessels	The heart pumps blood to all parts of the body, and the blood carries oxygen and useful substances to all parts of the body. Blood also helps in removing waste from the body by carrying the waste to the organs which remove the waste
4. Excretory system	kidneys, ureters, urinary bladder	Kidneys clean the blood and remove waste in the form of urine

IV. Tick the correct reason for each of the following.

1. We can stand erect because
 - a) our respiratory system helps take in oxygen gas and give out carbon dioxide gas.
 - b) our skeletal system forms an internal framework of bones and provides strength and support.
2. The human body has a definite shape because
 - a) the excretory system helps to remove waste from the body.
 - b) there is a frame work of bones inside the body.
3. The heart pumps blood to different parts of the body because
 - a) the blood contains useful substances needed by the body.
 - b) the blood will lose its colour if not pumped.
4. The removal of waste from the body is necessary because
 - a) we cannot store waste inside the body.
 - b) the digestive system helps us to digest food.



V. Answer the following questions.

- 1) Differentiate between:
 - a) cells and tissues
 - b) organs and organ systems

Answer:

- a) Cells are the smallest units of the body and are of different types. Tissues are formed when cells of the same type join together
 - b) Different tissues join together to form an organ. Different organs join together to form an organ system
- 2) What are the functions of a skeleton?

Answer:

The skeleton gives shape and support to the body. It also protects the internal organs of the body.

- 3) Write one function of the following:
 - a) the lungs
 - b) the brain
 - c) the kidneys

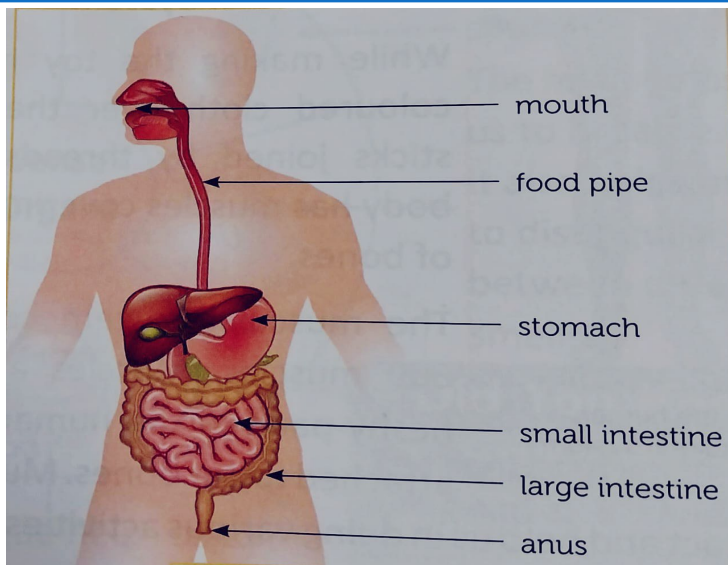


Answer:

- a) The lungs help in respiration by taking in oxygen from the air and removing carbon dioxide from the body.
- b) The brain helps us to see, hear, think, remember and do many other functions of the body.
- c) The kidneys clean the blood and remove waste in the form of urine.

5. Label the parts of the digestive system.

Answer:



Higher Order Thinking Skills

Think and answer.

- 1) Why do we use a cloth or a pair of tongs to handle hot objects?

Answer: We use cloth or a pair of tongs to handle hot objects because if we touch them with our bare hands, our hands will be burned

- 2) The nervous system can be called one of the most important systems in the body. Give reasons.

Answer: The nervous system helps us to see, hear, think, remember and also controls many other functions of the body. It is the nervous system which alerts us to danger, not to touch hot objects, avoid stepping on sharp objects and so on. The nervous system controls the functioning of all the other organ systems of the body. Hence, it is one of the most important organ systems in the body.