

Q1(a) What function do these organs perform in body? One is done for you.

1. Heart: It pumps blood through your body.

2. Lungs: _____

3. Kidneys: _____

4. Brain: _____

5. Stomach: _____

(b) Write down the scientific names of the below body organs and the system they belong to.

Organ	Scientific Name	Body System
Heart		
Lungs		
Kidneys		
Brain		
Stomach		

(c) Fill in the given blanks with the functions of different body system.

1. _____ is the movement of air into and out of the lungs.
2. _____ is a process where large food molecules are broken up into smaller molecules.
3. The removal of waste products formed during body processes is called _____.
4. The pumping of blood is called _____.

Q2. Different body organs perform different jobs so it is very important to protect them.

- (a) Which part of the skeleton protects our heart? _____
- (b) Which part of the skeleton protects our brain? _____
- (c) Which part of the skeleton protects our lungs? _____



Q3. Alina has some questions related to body organ heart.
Can you help her in answering the questions below.

(a) what will happen if our heart beat slows down?

Your heart is a special organ which does special job in our body.



(b) How can you tell your heart is beating without putting a hand on your chest?

(c) What is the name of the liquid that carries blood and oxygen around the body?

Q4. Elena is running and her breath is really fast. In order to work her muscles, need energy.



(a) What is the difference between heart beat and pulse rate?

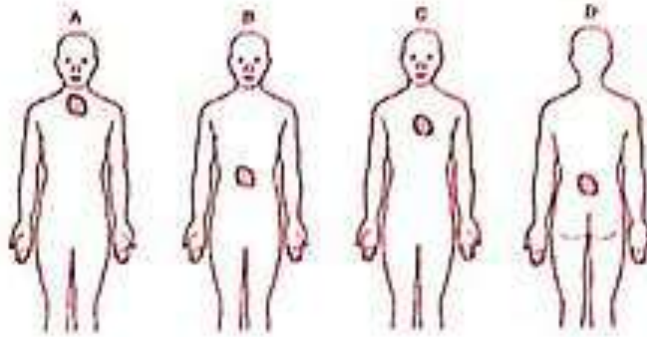
Heart beat:

Pulse Rate:

(b) Why do you think her breath becomes faster when she runs?

(c) How many times does your heart beat in one minute?

Q5. Where is the heart located?

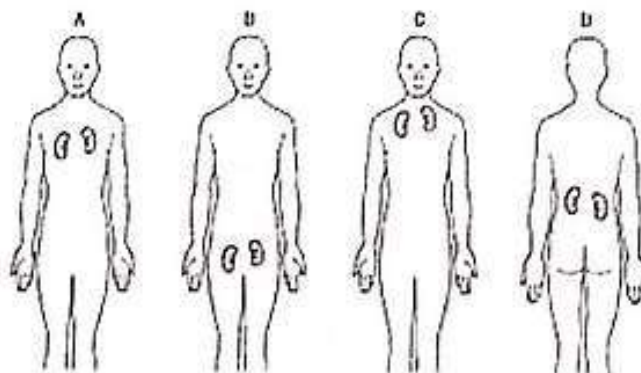


(a) Heart is the part of circulatory system; name the other parts of this system.

1. _____ 2. _____

Q6. Where are the kidneys located?

(a) Circle the correct alphabet.



(b) Does drinking less water affect your kidney?

(c) What are the three things doctors do if your kidneys don't work?

1. _____

2. _____

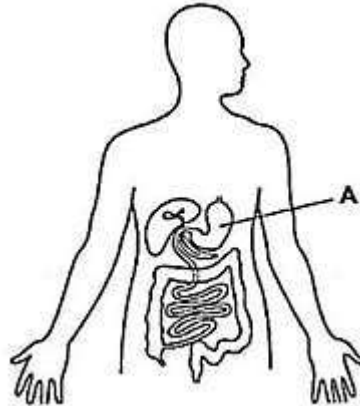
3. _____

(d) The waste product of the kidneys are called _____.

Q7(a) Brain is part of nervous system. Name the other part of this system.

(b) What is the importance of this system?

Q1. Look at below diagram and answer the given questions. [5]



a) Name the organ labeled A.

b) Select the correct order of digestive system.

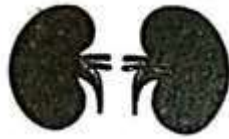
- A. Mouth, Gullet, Stomach, large intestine, small intestine.
- B. Mouth, Gullet, stomach, small intestine, large intestine.
- C. Mouth, stomach, small intestine, large intestine.
- D. None of above.

c) What happens when food reaches the stomach?

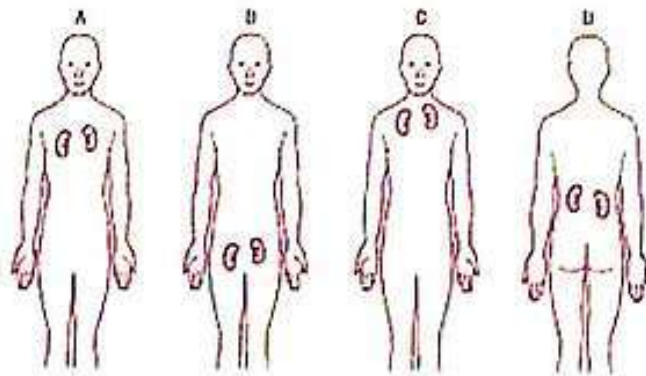
- A. Nothing. No digestion occurs in the stomach.
- B. The food moves quickly into the small intestine.
- C. Inside the stomach the food mixes with digestive juices.

d) How does digested food finally reach the bloodstream?

Q2 A. Look at the diagram of human kidneys below.



a) Circle the correct location of kidneys?



b) The main function of the urinary system is to:

- a) filter the blood to remove the waste products.
- b) get rid of nutrients
- c) keep waste in the body
- d) help in digestion

c) Name the liquid produced by the kidneys.

d) Suggest a thing people can do to keep their kidneys healthy?

e) Name the machine people need to use if their kidneys are not working.

f) Which of the following is NOT an organ of the excretory system?

a. kidneys

c. heart

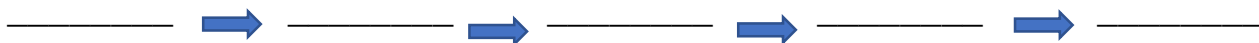
b. skin

d. all of above

Q2 B. Name the Following digestive parts: (5]

	Organ	Function
1		the food mixes with digestive juices.
2		break down the food even more until the food particles are small enough to move into the blood.
3		food is broken down into smaller pieces by teeth.
4		water is absorbed and created in feces and stool.
5		the food is squeezed down the stomach.

c) Functions in the table above are not written in correct order. Write down the functions (number) in correct order.

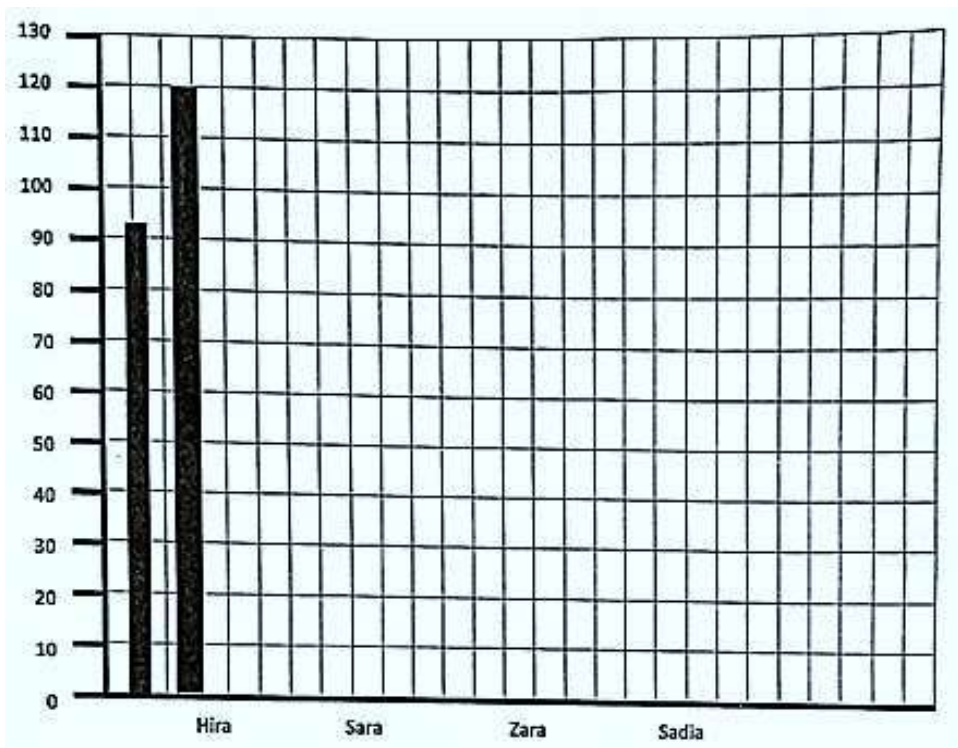


Q3. Ahmed and Ali measured the pulse rate of some of their friends before and after exercising for three minutes. These are their results. [6]

Name	Pulse rate before exercise	Pulse rate directly after exercise
Hira	91	120
Sara	85	122
Zara	90	125
Sadia	89	125

a) What equipment did they need to measure the pulse rates?

b) Draw a bar graph of both the values, one is done for you.



c) Use the results to draw a conclusion.

d) Predict what would happen to the pulse rates if the friends exercised for longer.

04, Select **True** or **False** and correct the statement if it is wrong, by writing on the given blank, (2]

a) The chest gets smaller as the lungs fill with air.

TRUE / FALSE

b) The chest gets bigger as the lungs push air out.

TRUE / FALSE

Q5. What happens in the large intestine?

A. Water is absorbed.

B. Creates Feces.

C. Creates stool.

D. All of the above.