

Assignment for Body movements

Question 1

Which of the following is a false?

- (a) Snakes have long back bone.
- (b) Pluto wrote book 'gait of animals'
- (c) Shell of snail is not made of bone.
- (d) Bones cannot be bent
- (e) Snakes cannot move in straight line
- f) Elbow has a hinge joint

Question 2

What is true about muscle?

- (a) They cannot pull
- (b) Muscle work in pair
- (c) Muscle helps in movement of bones
- (d) All the above

Question 3

Which of the following is true for ribcage?

- (a) protects the underlying lungs, heart and some part of liver.
- (b) It is box which is formed by Ribs, the chest bone and back bone together
- (c) It is cone-shaped structure made up of 12 pairs of ribs.
- (d) All the above

Question 4

The longest bone in the human body is?

- (a) femur
- (b) tibia
- (c) Fibula
- (d) None of the above

Question 5

Which of the following is incorrect?

- (a) Shoulder and hip joint are ball and socket joint
- (b) Joint between skull and upper jaw is a fixed joint
- (c) Knee joint is a hinge joint
- (d) None of the above

Long Answer type questions

Question 6

Explain each of these terms

- a) Skulls
- b) Ribcage
- c) Backbone
- d) Pelvic bone

Question 7

Match the column

Column A	Column B
Ball and socket joint	In this joint, the movements of bones are allowed only in one direction i.e. forwards and backwards
Hinge joints	In this joint, the rounded end of one bone fits into cavity (hollow space) of the other bone directions.

Pivot joint	In this joint, the bones are held so tightly together that they cannot move at all
Fixed joint	In this joint, it allows rotation only. In this joint cylindrical bone rotates in a ring

Question 8

What are the functions of skeleton?

Question 9

How does a snake move?

Question 10

How does earthworm gets grip on ground?

Answers

1: (b)

2: (d)

3: (d)

4: (a)

5: (d)

6)

Skull	The bony part of head is called skull. The skull is made up many bones joined together. It protects the brain
Ribcage	Ribs are curved bones in the body. There are 12 pairs of ribs. the ribs are curiously bent. They join the chest bone and the backbone together to form a box. This is called a ribcage. Ribcage protects the internal organs of the body like heart, lungs
Backbone	The backbone is a long hollow, rod like structure running from the neck to the hips. Backbone is made up of 33 small bones placed one over the other. These small bones are called vertebrae. It provides support to the body and protects spinal cord
Pelvic bone	The pelvic bones form a large, basin shaped frame at the lower end of the backbone, to which legs are attached. The pelvic bones enclose the portion of our body below the stomach.

7)

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