

A. Fill in the blanks:

1. The last two ribs are free and are called _____ ribs.
2. The locomotory organ of snail is _____.
3. The number of bones present in adult human body are _____.
4. The chest bones are called _____.
5. Skull is made up of _____ bones.
6. The contraction of the _____ pulls the bones during movement.
7. _____ in the earthworm helps to get good grip on the ground.
8. _____ joint is present in our elbow.
9. Cockroach has _____ pairs of legs and _____ pairs of wings.
10. Joints at which bones cannot move are called _____ joints.

B. Multiple choice questions:

1. The endoskeleton of the fish is covered with
a) muscles b) scales c) cartilages d) tendon
2. The longest and strongest bone in our body is
a) hip bone b) femur c) backbone d) skull
3. The bony part of our head is called
a) back bone b) rib cage c) skull d) spinal cord
4. Number of bones present in our back bone is
a) 33 b) 206 c) 24 d) 22
5. _____ joint allows movement in all direction.
a) ball and socket b) hinge c) pivotal d) gliding

C. Name the following :

1. Name the joint found in neck.
2. Name the shape of body found in fish.
3. Which part of the skull is movable?

D. Assertion and reason questions. Choose the correct option.

- a) Both **A** and **R** are true and **R** is the correct explanation of **A**.

b) Both **A** and **R** are true but **R** is not the correct explanation of **A**.

c) **A** is true but **R** is false.

d) **A** is false but **R** is true.

1. **Assertion (A)** : Snails move with the help of muscular foot.

Reason (R) : The outer skeleton of a snail is called the shell.

2. **Assertion (A)** : The ball and socket joint allows movement in all directions.

Reason (R) : This joint is found in the shoulder and hip and it consists of a bone with a rounded end that fits into a cup -like cavity of another bone.

E. Answer the following questions:

1. What would have happened if backbone was made up of single long bone?

2. Define: a) Cartilage b) Movement

3. Name two organisms in which exoskeleton is present.

4. How many types of joints are there in our body? Explain with examples.
