

CBSE Class–VI Subject Science
NCERT Solutions
(CHAPTER-08)
BODY MOVEMENTS

Question 1. Fill in the blanks:

- (a) Joints of the bones help in the ----- of the body.
- (b) A combination of bones and cartilages forms the ----- of the body.
- (c) The bones at the elbow are joined by a ----- joint.
- (d) The contraction of the ----- pulls the bones during movement.

Answer: (a) Joints of the bones help in the **movement** of the body.
(b) A combination of bones and cartilages forms the **skeleton** of the body.
(c) The bones at the elbow are joined by **hinge** joint.
(d) The contraction of the **muscle** pulls the bones during movement.

Question 2. Indicate True (T) and False (F) among the following sentences:

- (a) The movement and locomotion of all animals is exactly the same.
- (b) The cartilages are harder than bones.
- (c) The finger bones do not have joints.
- (d) The fore arm has two bones.
- (e) Cockroaches have an outer skeleton.

Answer: (a)F, (b)F, (c)F, (d)T, (e)T

Question 3. Match the items in Column I with one or more items of Column II.

Column I	Column II
Upper jaw	have fins on the body.
Fish	has an outer skeleton.
Ribs	can fly in the air.
Snail	is an immovable joint

Cockroach	protect the heart. Shows very slow movement. Have streamlined body.
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Answer:

Column I	Column II
Upper jaw	Is an immovable joint.
Fish	Have fins on the body, have a streamlined body.
Ribs	Protect the heart.
Snail	Has an outer skeleton, Shows very slow movement.
Cockroach	Has an outer skeleton, Can fly in the air.

Question 4. Answer the following:

- (a) What is a ball and socket joint?
- (b) Which of the skull bones are movable?
- (c) Why can our elbow not move backwards?

Answer: (a) The rounded end of bone fits into the cavity of the other bone. Such a joint allows movements in all directions.

(b) Lower jaw

(c) Elbow cannot move backwards, because it has hinge joint which allows movement in one direction.