

# Ncert Solutions Class 6 Science Chapter 8

---

## Ncert Solutions For Class 6 Science Chapter 8 Body Movements

### 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 a hinge joint.
- (d) The contraction of the muscles pulls the bones during movement.

### 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) False
- (b) False
- (c) False
- (d) True
- (e) True

Page No. 78

**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 a streamlined body.

**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	shows very slow movement.
Cockroach	has an outer skeleton, can fly in the air.

**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) In a ball and socket joint, the rounded end of one bone fits into the cavity (hollow space) of the other bone. It can allow movement in all directions.
- (b) Lower jaw bone (Mandible bone) is the only movable bone in skull bone.
- (c) Elbow joint has hinge joint. This joint allows movement in a plane only and hence it is not able to move backwards.