

NCERT Solution

Body Movements

Exercise

1. Fill in the blanks.

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

Answer.

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

2. Indicate the True or False among the following sentences.

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

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 streamlined body
Ribs	protect the heart
Snail	show very slow
Cockroach	has an outer skeleton, can fly in air

4. Answer the following:

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

Answer:

- (a) The rounded end of one bone fits into the cavity (hollow space) of the other bone. Such a joint allows movements in all directions.
- (b) Lower jaw.
- (c) Elbow cannot move backward because it has hinge joint which allows only back and forth movements.