



DPM CLASSES & COMPUTERS

Special for Math's & Science

By - Er. Dharmendra Sir (9584873492, 7974073108)

SCIENCE -6 (CH-08- BODY MOVEMENT)

○ 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 1:

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

○ Question 2:

Indicate true (T) or 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 2:

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



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Question 3:

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

Column I	Column II
Upper jaw	have fins on the body
Fishes	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 3:

Column I	Column II
Upper jaw	is an immovable joint
Fishes	have a streamlined body; have fins on the body
Ribs	protect the heart
Snail	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 4:

- (a) Ball and socket joint is a movable joint. It consists of a bone that has a round head, which fits into a cup like depression of another bone. This helps the bone to rotate freely. Examples of such joints are hip and shoulder joints.
- (b) Mandible bone which forms the lower jaw is the only skull bone that is movable.
- (c) The elbow has a hinge joint. This type of a joint allows the movement in one plane only. Therefore, our elbow cannot move backwards.