

**Chapter- 4**  
**Worksheet-2**

Question 1. State True or False

- (a) Shoulder joint is a ball and socket joint.
- (b) A human body usually has 306 bones.
- (c) Skeleton provides framework and shape to the body.

Question 2. State true or False

- (a) The longest bone in the human body is the thigh bone.
- (b) Bones are primarily made of Potassium
- (c) Cartilage is hard and inflexible.

Question 3. Match the column

Column A	Column B
Earthworms	The breast bones are connected to strong muscles which help them to flap their wings during flight
Fish	Move in a loop-like, zig-zag manner
Snakes	Move forward by repeated contractions and relaxations of their muscles in the skin.
Cockroach	With the help of their fins
Birds	Moves its legs with the help of muscles near the limbs

Question 4. Fill in the blanks:

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

Question 5. The organ that protects the spinal cord is

- (a) Skull
- (b) Backbone
- (c) Breast bone
- (d) Chest bone

Question 6. Which of the following animal has its body covered by a hard shell?

- (a) Earthworm
- (b) Snake
- (c) Bird
- (d) Snail

Question 7. Underwater divers wear fin-like flippers on their feet to

- (a) Swim easily in water.
- (b) Look like a fish.
- (c) Walk on water surface.
- (d) Walk over the bottom of the sea (sea bed).

Question 8. Snail moves with the help of its

- (a) Shell
- (b) Bone
- (c) Muscular foot
- (d) Whole body

Question 9. How many muscles work together to move a bone?

- (a) One
- (b) Two
- (c) Three
- (d) Four

Question 10. Match the column

Column A	Column B
Ball and socket joint	In this joint, the movements of bones are allowed only in one direction i.e. forwards and backwards
Hinge joints	In this joint, the rounded end of one bone fits into cavity (hollow space) of the other bone directions.
Pivot joint	In this joint, the bones are held so tightly together that they cannot move at all
Fixed join	In this joint, it allows rotation only. In this joint cylindrical bone rotates in a ring

Question 11. Explain each of these terms

- (a) Skull
- (b) Ribcage
- (c) Backbone
- (d) Pelvic bone

Question 12. What are the functions of skeleton?

Question 13. How does a snake move?

Q.14. Write two ways by which we may know the shape of human skeleton.

Q.15 Provide one word answers to the statements given below.

1. Joint which allows movement in all directions.
2. Hard structure that forms the skeleton.
3. Part of the body with a fixed joint.
4. Help in the movement of body by contraction and relaxation.

Q.16 How do the muscles work?

Q.17. How does the earthworm move?

Q.18. How does the snail move?

Q.19. What do you mean by streamlined?

Q.20. How does fish move in water?

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