

CLASS VI – SCIENCE – CHAPTER 08

BODY MOVEMENTS

Name:

Date:

- 01.** A group of similar cells specialized to perform specific functions
(a). Organ (b). Tissue (c). Organ system (d). Organism
- 02.** Which of these have least number of movable joints
(a). Backbone (b). Skull (c). Legs and feet (d). Arms and hands
- 03.** The total number of bones in the human skeleton are
(a). 206 (b). 196 (c). 296 (d). 106
- 04.** Backbone consists of
(a). 13 vertebra (b). 23 vertebra (c). 33 vertebra (d). 43 vertebra
- 05.** Which of the following organism do not have bone?
(a). Fish (b). Bird (c). Earthworm (d). Cockroach
- 06.** Snail moves with the help of
(a). Bone (b). Shell (c). Muscular foot (d). Whole body
- 07.** How many muscle works together to move a bone?
(a). 1 (b). 2 (c). 3 (d). 4
- 08.** Which of the following part of body help in movement?
(a). Muscle and skin (b). Muscle and bone (c). Organ and bone (d). Organ and skin
- 09.** Ribcage protects
(a). Heart and lungs (b). Liver and spleen (c). Stomach and intestine (d). Kidney and liver
- 10.** What are produced in bone marrow
(a). White blood cells (b). Red blood cells (c). Platelets (d). All of these
- 11.** Which one of the following shows slowest movement?
(a). Earthworm (b). Cockroach (c). Ant (d). Snail
- 12.** Fixed joint is found in
(a). Cranium (b). Knee (c). Fingers (d). Elbow

Q01. Match the following

Column A

- (a). Pivot joint
- (b). Hinge joint
- (c). Ball and socket joint
- (d). Exoskeleton
- (e). Cartilaginous body

Column B

- i. Shark
- ii. Crab
- iii. Elbow
- iv. Shoulder
- v. Skull resting on the vertebral column.

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Column A

- (a). Fish
- (b). Snail
- (c). Upper jaw
- (d). Ribs
- (e). Cockroach

Column B

- i. has an outer skeleton
- ii. is an immovable joint
- iii. have fins on the body.
- iv. can fly in the air
- v. protect the heat.

Q02. Fill the blanks with suitable words

- (a). The contraction of the ----- pulls the bones during movement.
- (b). Bones becomes hard due to decomposition of ----- and phosphorus.
- (c). The knee allows movement in ----- plane.
- (d). The last two ribs are free and are called -----.
- (e). The breaking of bone is called a -----.
- (f). The backbone is composed of ----- vertebrae.
- (g). The cranium covers and protect the -----.
- (h). The upper arm has a strong bone called -----.

Q03. How is the skeleton of a bird well-suited for flying?

Q04. What is exoskeleton? Name two organism in which it is present.

Q05. What is chitin? What is its function?

Q06. Why animals move?

Q07. Describe in brief the movement of snakes, cockroaches, snails and earthworms.

Q08. What is ball and socket joint? Give an example.

Q09. What would have happened if backbone was made up of single long bone?

Q10. Bones are hard structure, which can not be bent although we are able to move our hands, knee, elbow etc. comments.

Q11. How bones of birds are adopted well for flying?

Q12. Earthworms are called farmers friend. Why?

Q13. Write the functions of skeleton in human body?

Q14. Name the type of joint of your hand which help you to grasp a badminton racquet.

Q15. Boojho fell off a tree and hurt his ankle. On examination the doctor confirmed that the ankle was fractured. How was it detected?

Q16. Bones are hard structures and cannot be bent. But, we can still bend our elbow, knee, etc. How is this possible?

Q17. Which type of movement would have been possible if

- (a) our elbow had a fixed joint.
- (b) we were to have a ball and socket joint between our neck and head.

Q18. Earthworms are known as 'farmer's friends'. Why?

Q19. Provide one word answers to the statements given below.

- (a). Joint which allows movement in all directions.
- (b). Hard structure that forms the skeleton.
- (c). Part of the body with a fixed joint.

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- (d). Help in the movement of body by contraction and relaxation.
- (e). Bones that join with chest bone at one end and to the backbone at the other end.
- (f). Framework of bones which gives shape to our body.
- (g). Bones which enclose the organs of our body that lie below the abdomen.
- (h). Joint where our neck joins the head.
- (i). Part of the skeleton that forms the earlobe.

Q20. Write T for true and F for false statements.

- (a). Bones are harder than cartilages.
- (b). Finger bones do not have joints.
- (c). Movement and locomotion is same in animals.
- (d). The fore arm has two bones.
- (e). Muscles help in movement of bone.

