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NCERT Class VI Science Solutions: Chapter 8 - Body Movements Part 3

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Question 12:

Given below is a list of different types of movements in animals.

Running, Jumping, Walking, Slithering,

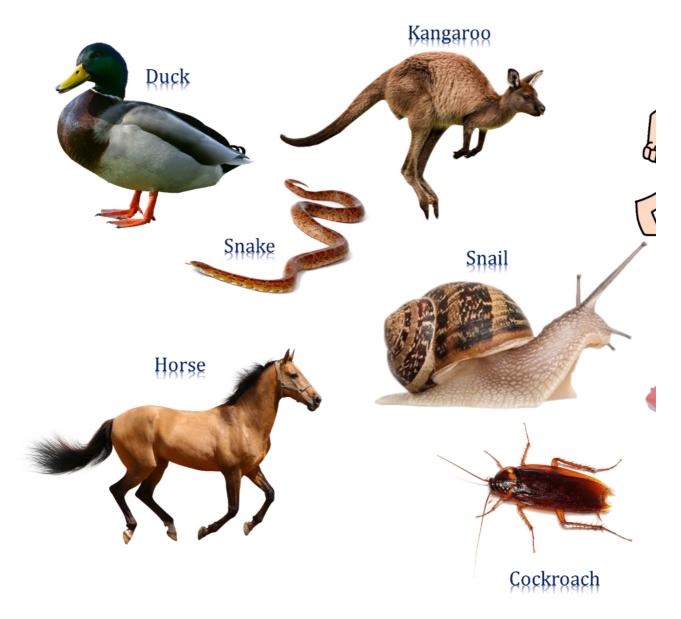
Crawling, Flying, Swimming, Creeping

Write the types of movements seen in each animal.

- 1. Duck
- 2. Kangaroo
- 3. Snake
- 4. Human beings
- 5. Horse
- 6. Snail
- 7. Fish
- 8. Cockroach

Answer:

- 1. Duck flying, walking, swimming.
- 2. Horse running, walking.
- 3. Kangaroo jumping, walking.
- 4. Snail creeping.
- 5. Snake slithering.
- 6. Fish swimming.
- 7. Human being walking.
- 8. Cockroach walking, flying.



Question 13:

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

Answer:

The doctor must have observed a swelling and taken an X-ray of the ankle. X-ray images confirm injuries/fractures in bones.

Ouestion 14

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

Answer:

Elbow and knee are not made tip of a single bone, but two or more bones which are joined to each other by a joint (Hinge joint). This joint along with the muscles help us to bend the elbow and knee.

Question 15:

Which type of movement would have been possible if.

- 1. Our elbow had a fixed joint.
- 2. We were to have a ball and socket joint between our neck and head.

Answer:

- 1. We would not be able to bend/fold our arms.
- 2. We would be able to rotate our head $\,360^{\rm o}\,$.

Question 16:

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

Answer:

An earthworm eats its way through the soil. Its body excretes the undigested materials that makes the soil fertile.

