

## Grade-4 Biology

### Ch-5 L-1 What are skeletal and muscular systems?

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Q1) How are complex organisms made of?

A1) Complex organisms are made up of cells, organs and organ system.

Q2) What are tissues?

A2) Tissues are made up of similar cells that work together.

Q3) What is an organ? Name some organs in our body.

A3) A group of tissues working together to carryout body processes is called an organ.

Heart, kidneys, lungs, eyes, ears etc are some organs.

Q4) What are the functions of the skeletal system?

A4) 1) It provides shape and structure for the body.

2) It protects internal organs like brain, heart, lungs etc.

3) It allows movement of the body with the help of muscles.

4) It stores calcium and produces blood cells.

Q5) Why is calcium important to our skeletal system?

A5) Calcium is important to our skeletal system because calcium builds bone tissues and keep it strong.

Q6) Name two types of joints with examples.

A6) 1) Ball and socket joint- Ex- Shoulder joint, Hip joint.

2) Hinge joint- Ex- Knee joint, elbow joint.

Q7) What are the different types of muscles. Define them.

A7) There are two types of muscles.

Voluntary muscles and Involuntary muscles.

Voluntary muscles-: Muscles that we can control are voluntary muscles. Ex- Skeletal muscles, muscles of chewing, smiling etc.

Involuntary muscles-: Muscles that we cannot control are called Involuntary muscles. Ex- Cardiac muscles.