



**INDIAN SCHOOL MUSCAT**  
**DEPARTMENT OF SCIENCE**



**SUBJECT: SCIENCE**

**Worksheet No: 4**

**TOPIC : BONES AND MUSCLES**

**STD : 5**

**Coordinating Staff: Ms. RENU RAJU**

**Date of Issue:**

Name of the student: \_\_\_\_\_ Class \_\_\_ Sec: \_\_\_\_\_ Roll No: \_\_\_\_\_

Q1. List the main organs involve in the following body systems and their functions.

a) Nervous system

Main organs: \_\_\_\_\_

Function: \_\_\_\_\_

b) Excretory system

Main organs: \_\_\_\_\_

Function: \_\_\_\_\_

Q2. a) The skeleton of an adult is made up of \_\_\_\_\_ bones.

b) What is bone marrow? Write its function.

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

c) What are floating ribs?

\_\_\_\_\_

\_\_\_\_\_

Q3. Differentiate between ligaments and tendons.

Ligaments: \_\_\_\_\_

\_\_\_\_\_

Tendons : \_\_\_\_\_

Q4. Name the internal organs protected by the following part of skeleton.

Part of the skeleton	Internal organs
The Skull	
The Vertebral column	
The Ribs	

Q5. Complete the following table:

Kinds of movable joint	Type of movement
Hinge joint	
Ball and socket joint	
Pivot joint	
Gliding joint	

Q6. Give reason with one example for the following:

a) To move the bones in one direction, at least two muscles are required.

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b) Some muscles work throughout the lifetime without getting tired.

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Q7. Name the bones given in the figures given below.



a) .....



b) .....



c) .....