



CLASS XI
LOCOMOTION AND MOVEMENT
WORKSHEET- 4

- 1 Locomotion is movement, but not all movements are locomotion. Justify.
 - 2 Which are the three types of movements exhibited by the cells of the human body?
Mention which part of the body exhibits each movement.
 - 3 Make a table showing the different types of muscles, location and function.
 - 4 Muscle fibre is referred to as syncytium. Give reason.
 - 5 Name the two types of contractile proteins present in myofibril.
 - 6 With the help of neat labeled diagrams describe the structures of actin and myosin.
 - 7 Explain the mechanism of muscle contraction and relaxation.
 - 8 Differentiate between red fibres and white fibres.
 - 9 Design a flow chart depicting different bones in our skeletal system.
 - 10 Give an account of the vertebral column.
 - 11 What do you mean by true ribs and false ribs? What are floating ribs?
 - 12 Compare and contrast the structure of pectoral girdle and pelvic girdle.
 - 13 Name the three types of joints. Give one example of each.
 - 14 Write what happens in case of the following disorders:
 - a) Tetany
 - b) Gout
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Identify one age-related disorder of skeletal system. Write its characteristics.

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