



# BIOLOGY

## BOOKS - CBSE COMPLEMENTARY MATERIAL BIOLOGY (HINGLISH)

### LOCOMOTION AND MOVEMENT

#### Very Short Answer Questions

1. What is the total number of bones present in left pectoral girdle and left arm respectively

in human beings.



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2. Why do skeletal muscle show striation



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3. Why are 11th and 12th pair of ribs called floating ribs?



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4. Write the name of chemical that causes fatigue in the muscles



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5. What lubricate the freely movable joints at the shouler?



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6. Name of longest bone of human body?



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7. Give the name of first vertebra



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8. Define a sarvomere.



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9. Name the cup shaped bone that constitutes the knee cap.



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10. Which muscle fibre work during long flight of eagle?



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11. Name of cavity in the gridle into which the head of femur fits?

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## Short Answer Questions I

1. Write any two difference between cardiac muscle and skeletal muscle.

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2. Distinguish between red fibre and white fibre.



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3. Name the two types of girdles found in human body and write their role.



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4. State the role of calcium ions and ATP in muscle contraction.



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5. Name the bones of fore limb ( hand ) of human body . Give their number in each limb.



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**Short Answer Questions II**



1. What makes the synovial joints freely movable ? List any four types of synovial joints.



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2. Name the category of bones forming the ribcage . How are these articulated to each other to form the cage?



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**3.** How are actin and myosin filament arranged in a muscle fibre?



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**4.** Mention the factor which is responsible for the following  
Tetany



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5. Mention the factor which is responsible for the following

Gout



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6. Mention the factor which is responsible for the following

Osteoporosis



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