

INDIAN SCHOOL NIZWA
STD-XI CH 17-LOCOMOTION WORKSHEET.

1. Represent a sarcomere diagrammatically and label its parts. Which of these parts shorten during muscle contraction?
2. Explain the sliding filament theory of muscle contraction.
3. Describe the different type of ribs that support the thoracic cavity.
4. What does the appendicular skeleton of man consist of? How many bones does it have in all?
5. Why can a red muscle fibre work for a prolonged period while a muscle fibre suffers from fatigue soon?
6. How does Ca^{++} affect the process of muscle contraction?
7. Explain the structure of a muscle fibre.
8. Draw a flowchart of the number of skeleton in human body.

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