



# BIOLOGY

## BOOKS - SUPER COMPANION 5 IN 1

### LOCOMOTION AND MOVEMENT

#### One Mark Questions And Answers

1. What is got?



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2. What is Arthritis?



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3. What is Osteoporosis?



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4. What is Myasthenia gravis?



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## Two Mark Questions And Answers

1. Write the differences between the following

:

(a) Actin and Myosin.



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2. Write the differences between the following:

Red and white muscles.



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**3.** Name the cells / tissues in the human body, which

(i) Exhibit amoeboid movement (ii) Exhibit ciliary movement



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**4.** Locomotion requires a perfect coordinated activity of muscular, .... And ... system.



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5. What tissue is affected by myasthenia gravis? What is the underlying cause?



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6. Write true or false . If false, change the statement so that it becomes true. (a) actin is present in thin filament



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7. Write true or false . If false, cahnge the statement so that it becomes true.

(b) H-zone of striated muscle fibre represents both thick and thin filaments.



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## Three Marks Questions With Answers

1. Define sliding filament theory of muscle contraction.



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2. Describe the important steps in muscle contraction.



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## Five Mark Questions And Answers

1. Draw the diagram of a sarcomere of skeletal muscle showing different regions



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2. How do you distinguish between a skeletal muscle and a cardiac muscle?



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