

**Chapter – 17 | Locomotion and Movement****QUIZ  
PART-07**

1. Joints are the points of attachment between:

- A. Bones or bones and cartilages
- B. Muscles and blood cells
- C. Nerves and skin
- D. Tendons and RBCs (A)

**Explanation :** Joints connect bones with bones or bones with cartilages.

2. Fibrous joints allow:

- A. Free movement
- B. Limited movement
- C. No movement
- D. Circular movement (C)

**Explanation :** Fibrous joints do not allow movement.

3. Skull bones are joined by:

- A. Sutures
- B. Synovial cavity
- C. Acetabulum
- D. Glenoid cavity (A)

**Explanation :** Skull bones fuse with dense fibrous connective tissue called sutures.

4. Cartilaginous joints are present between:

- A. Two adjacent vertebrae
- B. Humerus and pectoral girdle
- C. Atlas and axis
- D. Carpals only (A)

**Explanation :** Cartilaginous joints are found between adjacent vertebrae and allow limited movement.

5. The elbow joint is an example of:

- A. Ball and socket joint
- B. Hinge joint
- C. Saddle joint
- D. Pivot joint (B)

**Explanation :** Elbow joint bends in one direction, so it is a hinge joint.

6. The joint between atlas and axis is:

- A. Pivot joint
- B. Gliding joint
- C. Fibrous joint
- D. Saddle joint (A)

**Explanation :** Atlas and axis form a pivot joint.

7. Myasthenia gravis affects the:

- A. Neuro-muscular junction
- B. Rib cage
- C. Bone marrow
- D. Sarcoplasmic reticulum only (A)

**Explanation :** Myasthenia gravis is an autoimmune disorder affecting the neuro-muscular junction.

8. Muscular dystrophy is caused due to:

- A. Genetic disorder
- B. Excess calcium
- C. Uric acid crystals
- D. Estrogen increase (A)

**Explanation :** Muscular dystrophy involves progressive degeneration of skeletal muscles due to genetic disorders.

9. Tetany is caused by deficiency of:

- A. Calcium ions
- B. Uric acid
- C. Myoglobin
- D. Chondroitin (A)

**Explanation :** Tetany occurs due to lack of calcium ions and causes intense muscle cramps.

10. Gout is caused by accumulation of:

- A. Uric acid particles in joints
- B. Myosin in muscles
- C. Chondroitin in cartilage
- D. Calcium in sarcolemma (A)

**Explanation :** Gout occurs when uric acid particles accumulate in joints, causing pain and inflammation.