

electrical changes in skeletal muscle contraction & re-laxation.

8-) What do you mean by EMG, SR system, summation.

Q.) Marks - 2

1.) Rheobase, Chronaxie, Latent period, Absolute & Relative refractory period, Action Potential, End plate Potential (EPP), Mini-MEPP, Motor unit, Antagonist, Agonist, All or None Law, Tetanus, Sarcomere, EPSP, Motor point, isometric & isotonic contraction,

Q.) Marks - 5/10

1.) Write a short note on properties of muscle.

2.) Discuss the role of Dihydropyridine receptors and ryanodine receptors in the process of muscle contraction.

3.) Discuss the role of Acetyl choline, ATP & Calcium in the process of muscular contraction.

4.) Write the differences b/w smooth muscle & skeletal muscle contraction.

5.) What do you mean by Excitation-Contraction coupling? Discuss the role of different types of protein in the process of muscle contraction.

6.) What is Starling Law of Cardiac muscle? Write the differences b/w red & white muscle.

7.) Write a short note on chemical, thermal and