S. J. THAKKAR PHARMACY COLLEGE, RAJKOT

MID SEMESTER THEORY EXAMINATION

Second Semester B. Pharm (2008-2009)

ANATOMY AND PHYSIOLOGY

Time: 12:00-01:00 **Date: 02-04-09** **Total: 20 Marks**

Q. 1 Writes any four Questions in very brief. **04**

1. Explain the term Ischemia.
2. Explain Anoxia
3. Define : (A) Action potential
   (B) Threshold potential
4. Comment "The speed of conduction is higher in non myelinated neuron."
5. Comment "All four heart sound are audible with stethoscope."
6. What is cardiac output? Give name of factor controlling cardiac output.

Q. 2 Two marks each (Any two) **04**

1. Chloride shift
2. Define neurotransmitter.Write its characteristic. Give Four example for it.
3. Write difference between artery and vein.

Q. 3 Write a short note(Any two) **06**

1. ECG.
2. Role of apnuestic and pnuemotactic center in respiratory regulation.
3. Describe factors effecting on heart rate.

Q. 4 Describe anatomy of spinal cord and write about reflex action in detail **06**

OR

Write in detail about general anatomy of heart.

ALL THE BEST