

II B.Tech I Semester Supplementary Examinations, November 2006

ANATOMY & PHYSIOLOGY

(Bio-Medical Engineering)

Time: 3 hours

Max Marks: 80

**Answer any FIVE Questions
All Questions carry equal marks**

1. Classify different bones of upper limb with a neat sketch? Discuss about humerus and scapula? [16]
2. Describe the role of bone in calcium Homeostasis? Write different types of bone with their functions. [16]
3. Explain the structure and functions of neuron? [16]
4. Discuss about physiology of vision? What are photoreceptors and photopigments? [16]
5. Give the performance characteristics of heart? Draw on label an ECG waveform? [16]
6. Illustrate the physiology of lung with a neat sketch. [16]
7. Explain the large and small intestines? [16]
8. Explain the structure and functions of the urinary bladder with a neat diagram? What is a loop of Henle? [16]
