

II B.Tech I Semester Supplementary Examinations, May 2005

ANATOMY & PHYSIOLOGY

(Bio-Medical Engineering)

Time: 3 hours

Max Marks: 80

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

1. Describe the structure of mandible. Explain its functions?
2. Write the effect of Iodine on thyroid gland. What are gigantism in Dwarfism?
3. Compare the structure and functions of brain stem?
4. Write the anatomy of eyeball with a neat sketch? What are lacrimal glands?
5. Discuss the external and internal anatomy of the chambers of the heart?
6. Explain about spermatogenesis? Discuss about ducts of testes? Sketch the male reproductive system.
7. Give the structure of the small intestine? Describe the digestion and absorption in the small intestine?
8. With the help of a neat sketch explain the nephron?
