ROLLNO RR 421102

2006 JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY

IV B.TECH II SEMESTER REGULAR EXAMINATIONS ANATOMY AND PHYSIOLOGY (BIO-MEDICAL ENGINEERING)

APRI/MAY 2006

TIME: 3HOUR MARK:100

Answer any FIVE Questions All Questions carry equal marks

- 1. What are the different bones of the lower limb? Describe the femur and the tibia?
- 2. Explain the functional concept of the Human body in detail?
- 3. Describe the basic functions of nervous system that are necessary to maintain homeostasis?
- 4. Describe the retinal processing of visual input to the brain.
- 5. (a) Discuss the coronary circulation? Explain semilunar valves?
- (b) What are the autorhymic fibres? Discuss about the conduction system of heart with a neat sketch.
- 6. Define reproduction and classify the organs of reproduction.
- 7. Describe the location of the stomach? Briefly explain the anatomical features othe stomach?
- 8. Write a short notes on:
- (a) Renal failure
- (b) Nephron.
