

II B.Tech II Semester Supplementary Examinations, April/May 2005
BASIC CLINICAL SCIENCES-I
(Bio-Medical Engineering)

Time: 3 hours

Max Marks: 80

Answer any FIVE Questions
All Questions carry equal marks

1. What is Dialysis? Explain the principle of Artificial Kidney.
2. Write a note on:
 - (a) Diseases of nervous system
 - (b) Diseases of muscle.
3. Explain Electromyography in detail.
4.
 - (a) Explain the function(s) of Tricuspid, Aortic Valves.
 - (b) Explain the function(s) of Bicuspid, Pulmonary Valves.
5. Write a note on:
 - (a) CVP and
 - (b) SWAN Catheters
6. Discuss the properties of ultrasound and how ultra sound can be used for diagnostics.
7. Discuss about the I.C.C.U organization and its clinical aspects.
8. Explain the anatomy and physiology of GI Tract.
