

III B.Tech I Semester Supplementary Examinations, November 2006
COMPUTERS IN MEDICINE
(Bio-Medical Engineering)

Time: 3 hours

Max Marks: 80

Answer any FIVE Questions
All Questions carry equal marks

1. Describe in detail Hospital Information System (HIS) with a neat sketch? [16]
2. (a) What are the automated methods in Haematology? Explain. [8]
(b) Explain how chromosomes can be analysed using computers. [8]
3. Discuss in detail the performance of ECG using Computer Programmes. [16]
4. (a) Write short notes on Medical Decision Making. [8]
(b) Explain the term QMR. [8]
5. Explain in detail the concept of computer assisted therapy. [16]
6. (a) Explain Digitalis therapy in detail. [8]
(b) Discuss the help of computers in Cardio vascular evaluation in ICU. [8]
7. Describe the use of computers for handicapped persons. Give two examples and discuss. [16]
8. Write short notes on: [5+5+6]
 - (a) Computers in Clinical Labs.
 - (b) Computers in ICU.
 - (c) Sample dialogue.
