4-3 Results:-

4-3-1 Staff:-
   i) 4 radiological instrumentation engineers.
   ii) 1 radiological instrumentation technician.
   iii) 4 biomedical engineers.

4-3-2 Engineers training:-
   i) 2 engineers have postgraduate, company and other training.
   ii) 4 engineers have basic qualification.
   iii) 2 engineers have company training.

4-3-3 Spare parts:-
   i) Mainly from abroad.
   ii) It increases equipment down time.

4-3-4 Fault frequency:-
   Reasonable when no spare parts needed from abroad.

4-3-5 Equipment work load:-
   All equipments are loaded. Specially the x-ray units.

4-3-6 Workshop building: - Not adequate.

4-3-7 Test equipment and tools:-
   Only specialized tools, oscilloscopes, Quality assurance phantoms for x-Ray and ultrasound are needed.

4-3-8 Maintenance and care:-

4-3-8-1 X- Ray units:-
   i) Installation.
   ii) Cleaning.
   iii) Periodic check (old units only).
   iv) No quality assurance.
v) Repair.

1.1.1.2 Ultrasound unit :-
   i) Installation.
   ii) Repair.
   iii) Daily cleaning.
   iv) No periodic check.
   v) No quality assurance.

4-3-8-3 MRI:-
   i) Service contract.
   ii) Installation.
   iii) Daily cleaning.
   iv) Periodic check.
   v) Repair.
   vi) Quality assurance.
   vii) Quality control.

4-3-8-4 C.T:-
   i) Service contract.
   ii) Installation.
   iii) Daily cleaning.
   iv) Periodic check.
   v) Repair.
   vi) Quality assurance.
   vii) Quality control.

4-3-8-5 No radiation protection officer.

4-3-8-6 No pre-installation group.

4-3-8-7 No log books.