

DIPLOMA IN X-RAY TECHNICIAN [First Year]

Diagnostic Radiography & Radiographic Technique

Time :- 3 HOURS

Marks :- 100

- Q.1 What do you understand by C.T. Scan? Write about the various advantages and disadvantages of C.T. Scan. 10
- Q.2 What is definition of Film. Describe the fault of radiography. 10
- Q.3 Write notes on any three of the following :-**
- a) Ultrasonography 10
 - b) MRI 10
 - c) Mammography 10
 - d) PET Scanning 10
 - e) Digital X-Ray 10
- Q.4 What is Radiation? What are the adverse effects of radiation on human being and how to protect from it. 10
- Q.5 Describe Barium studies including Barium meal with follow through. 10
- Q.6 What are the different types of views used in chest radiography? Explain the various steps in taking Antero Posterior and Postero Anterior views of X-ray Chest. 10
- Q.7 What do you understand by M.R.I.? Write about the various indications, Contraindications & advantages of M.R.I. 10
- Q.8 Describe techniques of Plain X-Ray abdomen for kidney ureter & bladder. 10