

B.Sc. RADIOLOGY IMAGING TECHNOLOGY
(New Syllabus 2014-2015)

SECOND YEAR

PAPER I – CLINICAL RADIOGRAPHY POSITIONING

Q.P. Code: 801831

Time : Three Hours

Maximum : 100 Marks

Answer All questions.

I. Elaborate on :

(3 x 10 = 30)

1. Describe the different techniques for obtaining abdominal radiographs:
 - Discuss the preferred views in a patient with suspected intestinal obstruction, when Patient is ambulant and also in very sick patient?
 - Discuss the techniques to demonstrate suspected pneumoperitoneum in the same Patient groups as above.
2. Discuss about various views taken for scoliosis, kyphosis and kyphoscoliosis patients - vertebrae radiography.
3. Explain in detail when reference to aim, indication and choice of machine and exposure factors involved in the radiography of knee joint.

II. Write notes on:

(8 x 5 = 40)

1. Pelvimetry.
2. Plain radiographic imaging of suspected parotid calculus.
3. Plain radiography in suspected torn ligament of patella.
4. Explain swimmer's view.
5. Dental radiography.
6. Towne's view.
7. Plain radiography of sternum.
8. Special view for scaphoid.

III. Short answers on:

(10 x 3 = 30)

1. Radiographic demonstration of left pars interarticularis in lower lumbar spine.
2. Plain radiographic evaluation in suspected left atrial enlargement.
3. Plain radiographic demonstration of jugular foramen.
4. Submento vertical view.
5. Autotomogram.
6. Zygomatic arches radiography.
7. Invertogram.
8. Mamography.
9. Skin marker.
10. When is it necessary to image erect abdomen?
