

**DIPLOMA IN RADIOLOGY IMAGING TECHNOLOGY
SECOND YEAR
PAPER III – CONTRAST & SPECIAL RADIOGRAPHY PROCEDURES**

Q.P. Code : 841413

Time : Three Hours

Maximum : 100 Marks

Answer All Questions

I. Elaborate on:

(3 x 10 = 30)

1. Explain about the indications, contraindications, preparation of patient, contrast medium and radiographic views taken for an intravenous urogram.
2. Explain in detail about the Percutaneous Transhepatic Biliary Duct procedure.
3. Explain the methods, indications, contraindications, patient preparation, contrast and radiographic technique for a Barium enema procedure.

II. Write Notes on:

(10 x 5 = 50)

1. Modification of technique and main indications for upper GI imaging in children.
2. Indications, contrast and technique of Barium swallow procedure.
3. 5 adverse effects of ionic contrast media
4. Explain about the Sinogram procedure.
5. Explain the various methods of fluoroscopy.
6. Explain the types of tomographic movements.
7. Explain about the benefits of image intensifiers.
8. Explain about the protocol for a tomographic procedure.
9. Explain in detail about the T Tube cholangiogram procedure.
10. Write in detail about the Fistulogram procedure.

III. Short answers on:

(10 x 2 = 20)

1. What is the ten day rule?
2. Explain about the catheter used in small bowel enema.
3. List the indications and contraindications of intravenous urogram.
4. Indications and contraindications for fistulogram.
5. Give two examples of ionic contrast media.
6. Define Micturating Cysto Urethrogram.
7. Explain indications and contraindications of T Tube cholangiogram.
8. The level of creatinine and why is it important in intravenous urethrogram?
9. Radiographic technique for Micturating Cysto Urethrogram
10. Define Sialography.
