

**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. Write in detail about the Basic principle and Data Acquisition of Image Intensifier. How it Differs from Fluoroscopy.
2. Write in detail about the Radiological procedures of Single and Double contrast of Barium Enema study.
3. Write in detail about the x-ray Procedure of IVU.

**II. Short Notes on:**

**10 x 5 = 50**

1. Guidance in Radiation Protection to be followed while doing X-ray procedures
2. Discuss about Barium meal study.
3. Write about Indications and Contra Indications for T-Tube Cholangiography.
4. Write in detail about Micturation Cysto Urethrography.
5. Write in Detail about the HSG procedure.
6. Write in details about Image Intensifier and its application.
7. What are the patients care to be taken while doing Ascending Urethrography
8. Write in detail about the procedure Fistulography.
9. Discuss about Tomography and its applications.
10. Indications and Contra Indications For Barium Swallow . How the Gastro Oesophageal reflux is demonstrated?

**III. Short Answers on:**

**10 x 2 = 20**

1. What is the contra indication for Barium swallow ?
2. What is 10 day rule of Pregnancy?
3. Discuss about Volume contrast and filming in the case of Paediatric IVU.
4. Write about Sinogram .
5. Short notes on Sialography.
6. What are the different types of T- tube Cholangiography.
7. Name the contrast used in HSG and how much volume is used.
8. What are the complications in Ascending Urethrography?
9. Write the Advantages of the preliminary or Pilot Films
10. Write about Small bowel Enema