

**B.Sc. RADIOLOGY IMAGING TECHNOLOGY
SECOND YEAR**

PAPER III – CONTRAST & SPECIAL RADIOGRAPHY PROCEDURES

Q.P. Code: 801833

Time: Three Hours

Maximum: 100 Marks

Answer all questions

I. Elaborate on: **(3 x 10 = 30)**

1. Micturating Cysto Urethrogram: Indication, Contra-Indication, patient preparation procedure and after care.
2. Barium Swallow: Indication, contra-indication, patient preparation, preparation of barium, procedure and after care.
3. Lumbar Myelography – Indication, contra indication, contrast used, preparation of patient, procedure with radiographic views and after care.

II. Write notes on: **(8 x 5 = 40)**

1. Explain the procedure to visualize Ileo – cecal junction.
2. Indication, procedure with film sequences of IVP.
3. Cystogram technique and radiographic views.
4. Explain about image intensifier and its advantages and disadvantages.
5. Indication, contra indication and procedure for Barium Meal Follow Through.
6. Explain the procedure for HSG along with indication.
7. Explain Sialography procedure.
8. Explain Enteroclysis procedure and contrast used.

III. Short answers on: **(10 x 3 = 30)**

1. Contrast agent used in MRI.
2. 10 day rule.
3. Describe stereoradiography.
4. Indication and contra indication for barium meal.
5. Patient preparation for HSG.
6. Define Sinogram.
7. Indication for Retrograde Pyelography.
8. Effervescent powder.
9. Fluoroscopy.
10. T- Tube cholangiogram.
