

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. Intravenous Urethrogram: Indication, contra-indication, patient preparation, procedure along with film sequences and after care.
2. Barium Meal Follow Through: Indication, contra-indication, patient preparation, procedure and after care.
3. Explain briefly about the tomography and explain where it is used in radiological procedure.

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

1. Explain briefly about Sialography procedure.
2. Write about the function of Fluoroscopy and how does it is usefulness in radiology department.
3. Explain about the Barium powder preparation for Barium swallow, Barium meal and Barium enema.
4. Indication, contra-indication and procedure for Histosalpingography.
5. Explain the procedure and radiographic views for Lumbar Myelography.
6. Indication and procedure for T-Tube Cholangiogram.
7. Write the names of emergency drugs and their uses during procedures.
8. Micturating Cysto-Urethrogram: Procedure, radiographic technique and contrast used.

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

1. Effervescent powder.
2. Write about advantages of non-ionic contrast agent over ionic contrast agent.
3. Enteroclysis.
4. Uses of Image Intensifier.
5. When to perform HSG Procedure?
6. Indication and contra indication for Barium Swallow.
7. Bilbao – Dotter tube.
8. Defecogram.
9. Loopogram.
10. Patient preparation for Barium Enema.
