

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. Discuss the function of Image Intensifier and how it is useful for radiological procedure? How to minimize radiation during Fluoroscopy?
2. Discuss in detail hysterosalpingography.
3. Describe in detail Barium Meal and Barium Meal Follow Through including radiographic techniques.

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

1. Enteroclysis.
2. Micturating cystourethrography.
3. Write about non-ionic monomers and dimers used in diagnostic radiology.
4. Contrast agents used in MRI.
5. Duties of a technologist during a contrast reaction.
6. What are the uses of Fluoroscopy?
7. Lumbar myelography.
8. T tube cholangiogram.

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

1. Ascending Urethrogram.
2. Discuss on extravasation.
3. Renal angiogram.
4. Indications of digital subtraction angiography.
5. 10 day rule.
6. Examples of Double contrast study.
7. Fistulogram.
8. What is Cystogram?
9. What are the contra-indications of IVU?
10. Use of lead gloves and lead apron.
