

**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. Describe types of contrast media used in radiology department.
2. How is MCU performed? Write indications and contra indications.
3. What is the technique of single and double contrast of enteroclysis study?

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

1. Why iodine is performed component of contrast media?
2. What are the complications of HSG?
3. What are the complications of hypotonic duodenography?
4. Contrast agents used in MRI.
5. Lumbar myelography.
6. Write short notes on barium swallow.
7. Duties of technologist during contrast reaction.
8. T tube cholangiogram.

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

1. Catheters used in angiography.
2. Renal angiogram.
3. MR contrast media.
4. Special techniques in children for contrast studies.
5. Discuss on extravasation.
6. Describe ascending urethrography.
7. Retrograde pyelourethrography.
8. Fistulogram.
9. What are the contra-indications of IVU?
10. Write short notes on barium enema.
