

**THE TAMIL NADU DR. M.G.R. MEDICAL UNIVERSITY**

**[AHS 0423]**

**APRIL 2023**

**Sub. Code: 1413**

**DIPLOMA IN RADIOLOGY IMAGING TECHNOLOGY  
SECOND YEAR – (Regulation 2010-2011 onwards)  
PAPER III – CONTRAST & SPECIAL RADIOGRAPHY PROCEDURES  
*Q.P. Code: 841413***

**Time: Three Hours**

**Answer ALL Questions**

**Maximum: 100 Marks**

**I. Elaborate on:**

**(3 x 10 = 30)**

1. Explain Barium Meal follow through: Indication, contra-indication, patient preparation, preparation of Barium, procedure and after care.
2. Describe Lumbar Myelogram: Indication, contra-indication, patient preparation, Selection of Contrast media, procedure and after care.
3. Describe about Management of Contrast Reactions and the role of Emergency Drugs and Equipments.

**II. Write Notes on:**

**(10 x 5 = 50)**

1. Opposing Urethrogram.
2. Explain techniques of Endoscopic retrograde cholangiopancreatography.
3. Barium study for Gastro-oesophageal reflux disease.
4. Describe about Discogram.
5. Retrograde Pyelogram.
6. Describe about modified techniques of IVU.
7. Describe about Ileal Loopogram.
8. Classification of Contrast media.
9. Lymphangiogram.
10. Adverse reactions of Contrast Media.

**III. Short Answers on:**

**(10 x 2 = 20)**

1. What is 28 day rule?
2. What is Foley Catheter?
3. What is the standard filming sequence of IVU?
4. Contra indication for Barium Enema.
5. Types of Catheter.
6. What is Tomogram?
7. Radiographic procedure for Intussusception.
8. Management of Extravasation of Contrast Media.
9. What is the normal range of Blood Urea and Creatinine?
10. Advantages of Carbon Dioxide as contrast agent.

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