

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

[AHS 0922]

SEPTEMBER 2022

Sub. Code: 1433

(FEBRUARY 2022 & AUGUST 2022 EXAM SESSIONS)

**DIPLOMA IN RADIOGRAPHY AND IMAGING TECHNOLOGY
SECOND YEAR – (Regulation from 2018-2019)
PAPER III – CONTRAST & SPECIAL RADIOGRAPHY PROCEDURES
Q.P. Code: 841433**

Time: Three Hours

Answer ALL Questions

Maximum: 100 Marks

I. Elaborate on:

(3 x 10 = 30)

1. Intra Venous Urogram - indications, contraindications, patient preparation, procedure and radiographic views commonly used and special considerations on performing in Paediatric patients.
2. Barium Swallow - indications, contraindications, patient preparation, procedure and radiographic views commonly used and special considerations on performing in recent post operative upper GI Tract cases.
3. Different types of Contrast media used in different modalities of Radiology.

II. Write notes on:

(10 x 5 = 50)

1. Dacryocystogram.
2. Seldinger Technique.
3. Guide wires and Catheters.
4. Views to demonstrate Hepatic and Splenic flexures in Barium Enema.
5. Lateral Decubitus views.
6. Emergency drugs used in the event of Contrast reactions.
7. Bilbao – dotter Tube.
8. Basic Trolley setting for HSG.
9. ERCP.
10. Sailogram.

III. Short answers on:

(10 x 2 = 20)

1. Trendelenburg position.
2. Advantages of Image intensifier.
3. IVU film sequence.
4. Routine and additional views of Barium Swallow.
5. Methyl Cellulose.
6. Non Ionic Contrast Medium.
7. Ionic Contrast Medium.
8. Purpose of taking Scout films in special procedures.
9. After care in Angiography.
10. C-arm and its advantages.
