

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

[AHS 0122]

**JANUARY 2022  
(OCTOBER 2021 EXAM SESSION)**

**Sub. Code: 2511**

**M.Sc. RADIOGRAPHY AND IMAGING TECHNOLOGY  
SECOND YEAR (From 2019-2020 onwards)  
PAPER I – RADIOLOGICAL AND IMAGING PROCEDURES  
*Q.P. Code : 282511***

**Time: Three hours**

**Answer ALL Questions**

**Maximum: 100 Marks**

**I. Elaborate on:**

**(2 x 20 = 40)**

1. Define Hysterosalpingogram. What are the indications and contraindications. Describe patient preparation, premedication and techniques used. Mention common complications of the procedure.
2. Define Barium swallow. What are the indications and contraindications. How will you prepare Barium solution/paste in the procedure room. Explain single and double contrast techniques in Barium swallow. What are the complications.

**II. Write notes on:**

**(10 x 6 = 60)**

1. MRI contrast media.
2. Micturating Cystourethrogram.
3. Sialography.
4. CT virtual Colonoscopy.
5. Lymphangiogram.
6. CT Cisternogram.
7. CT – Cerebral Angiography.
8. Enteroclysis (Small bowel enema).
9. Catheter angiography.
10. Phlebography.

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