

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

[AHS 0921]

**SEPTEMBER 2021
(MAY 2021 EXAM SESSION)**

Sub. Code: 1811

**M.Sc. RADIOLOGY AND IMAGING TECHNOLOGY
SECOND YEAR (From 2017-2018 onwards)
PAPER I – RADIOLOGICAL AND IMAGING PROCEDURES
*Q.P. Code : 281811***

Time: Three hours

Answer ALL Questions

Maximum: 100 Marks

I. Elaborate notes on:

(2 x 20 = 40)

1. Classify contrast media. Write in detail about iodinated contrast media and its adverse reactions.
2. What are the properties of an ideal barium preparation? Write about preparation of barium suspension. Describe in detail about barium meal study including indications, single and double contrast study techniques. What is hypotonic duodenography?

II. Write Short Notes on:

(10x6 = 60)

1. Micturating Cystourethrogram.
2. Percutaneous transhepatic cholangiography.
3. Phlebography.
4. Obstretic doppler.
5. Catheters.
6. Barium meal follow through.
7. Hysterosalpingography.
8. Write about embolisation, materials used for embolisation with their mechanism of action.
9. Virtual colonoscopy.
10. Retrograde urethrography.
