

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

**[AHS 0321]**

**MARCH 2021**

**Sub. Code: 1811**

**(OCTOBER 2020 EXAM SESSION)**

**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. What is intravenous urography? Describe the indications, contraindications, contrast media used. Write about nephrotomogram and modifications of urogram.
2. Define barium enema. Write about contrast media used, patient preparation and positions. Describe SCBE, DCBE and special barium enema studies.

**II. Write Short Notes on:**

**(10x6 = 60)**

1. Angiography.
2. MR contrast media.
3. Hysterosalpingography.
4. Enteroclysis.
5. T - Tube cholangiography.
6. Retrograde pyeloureterography.
7. Sialography.
8. Mammography.
9. Barium meal follow through.
10. What is PET? Write about its principle, uses and limitations.

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