

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

[AHS 1022]

OCTOBER 2022

Sub. Code: 2503

**M.Sc. RADIOGRAPHY AND IMAGING TECHNOLOGY
FIRST YEAR**

(Candidates admitted from 2019-2020 onwards – Paper - III)

(Candidates admitted from 2020-2021 onwards – Paper - IV)

PAPER III & IV – RADIOGRAPHIC AND IMAGING TECHNIQUES

Q.P. Code : 282503

Time: Three hours

Maximum : 100 Marks

Answer ALL Questions

I. Elaborate on:

(2 x 20 = 40)

1. What is obstructive jaundice? What are the investigations to be done to confirm the cause of jaundice? Describe about various modality.
2. Describe in detail barium meal study of gastro intestinal tract. Describe various technique and sequence of films taken.

II. Write notes on:

(10 x 6 = 60)

1. CT - myelogram.
2. Tomosynthesis – mammography.
3. Uterine artery embolization.
4. Pulmonary angiogram.
5. IVC gram.
6. Percutaneous trans hepatic biliary drainage.
7. CT – cisternogram.
8. Catheter based thrombolysis.
9. Amniocentesis.
10. Varicose vein – diagnosis and radiological interventional procedures.
