

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

[AHS 1023]

OCTOBER 2023

Sub. Code: 2513

**M.Sc. RADIOGRAPHY AND IMAGING TECHNOLOGY
SECOND YEAR (From 2020-2021 onwards)
PAPER III – NEWER IMAGING MODALITIES**

Q. P. Code: 282513

Time: Three hours

Maximum: 100 Marks

Answer ALL Questions

I. Elaborate on:

(2 x 20 = 40)

1. Cardiac MRI.
2. Digital subtraction angiography.

II. Write notes on:

(10 x 6 = 60)

1. PET CT.
2. Tissue harmonic imaging.
3. MRCP.
4. Fluoroscopy guided interventions.
5. Diffusion tensor imaging.
6. MR Neurography.
7. Portable CT.
8. CT arthrogram.
9. MR mammogram.
10. Fibroscan.
