

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

[AHS 1022]

OCTOBER 2022

Sub. Code: 2513

**M.Sc. RADIOGRAPHY AND IMAGING TECHNOLOGY
SECOND YEAR (From 2019-2020 & 2020-2021 onwards)
PAPER III – NEWER AND IMAGING MODALITIES**

Q.P. Code : 282513

Time: Three hours

Answer ALL Questions

Maximum: 100 Marks

I. Elaborate notes on:

(2 x 20 = 40)

1. Digital subtraction angiography.
2. CT coronary angiography.

II. Write Short Notes on:

(10x6 = 60)

1. Elastography.
2. Newer MRI contrast.
3. MRI perfusion imaging.
4. Tissue harmonic imaging.
5. Dual energy CT.
6. Digital tomo synthesis.
7. X-Ray contrast mammography.
8. Fusion imaging.
9. High intensity focused ultrasound.
10. Parathyroid imaging.
