

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

[AHS 0122]

**JANUARY 2022  
(OCTOBER 2021 EXAM SESSION)**

**Sub. Code: 2513**

**M.Sc. RADIOGRAPHY AND IMAGING TECHNOLOGY  
SECOND YEAR (From 2019-2020 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. Elaborate on PET CT.
2. Elaborate on functional MRI.

**II. Write Short Notes on:**

**(10x6 = 60)**

1. USG contrast imaging.
2. Fibro scan.
3. SWI Imaging.
4. Stereostatic biopsy.
5. MRI cardiac imaging.
6. CT cisternography.
7. CT perfusion imaging.
8. Triple phase imaging for liver lesions.
9. Renal isotope imaging.
10. Mammography.

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