

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

[AHS 0122]

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

Sub. Code: 2312

**M.Sc. NUCLEAR MEDICINE TECHNOLOGY
SECOND YEAR (From 2019-2020 onwards)
PAPER II – CLINICAL NUCLEAR MEDICINE TECHNIQUES - II
*Q.P. Code : 282312***

Time: Three hours

Answer ALL Questions

Maximum: 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Pre & Post ACEI Renogram.
2. Cardiac Imaging Using Tc^{99m}.

II. Write notes on:

(10 x 6 = 60)

1. Thyroid uptake study.
2. Muga study.
3. Lung ventilation study.
4. Difference between G-I Bleed & Meckel's Diverticulum study.
5. Tc^{99m} labeled heat damaged RBC study.
6. Quantitative Bone Scintigraphy.
7. Cisternography.
8. Parathyroid Scintigraphy.
9. Gall Bladder Scintigraphy using IDA compounds.
10. DMSA Rena Cortical imaging.
