

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.

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

[AHS 1022]

OCTOBER 2022

Sub. Code: 2312

**M.Sc. NUCLEAR MEDICINE TECHNOLOGY
SECOND YEAR**

**(Candidates admitted from 2019-2020 & 2020-2021 onwards)
PAPER II – CLINICAL NUCLEAR MEDICINE TECHNIQUES - II
Q. P. Code: 282312**

Time: Three hours

Maximum : 100 Marks

Answer ALL Questions

I. Elaborate on: (2 x 20 = 40)

1. Diuretic renogram.
2. Bone Scintigraphy.

II. Write notes on: (10 x 6 = 60)

1. DMSA Scan.
2. 3 phase Bone Scan.
3. GFR study.
4. Meckel Scan.
5. Salivary gland Scintigraphy.
6. Lung Perfusion Scan.
7. MUGA.
8. ECD Brain Scan.
9. Technetium Thyroid Scan.
10. ¹³¹I-Scan.
