

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

[MD 0522]

MAY 2022

Sub. Code: 3018

M.D. DEGREE EXAMINATION

BRANCH XXIV – NUCLEAR MEDICINE

PAPER III – CLINICAL NUCLEAR MEDICINE INCLUDING (IN VIVO AND INVITRO STUDIES), CARDIOVASCULAR, NEUROLOGY, ENDOCRINOLOGY, GASTROENTEROLOGY, ONCOLOGY, INFECTION AND INFLAMMATION, GENITOURINARY, MUSCULOSKELETAL AND RADIONUCLIDE THERAPY

Q.P. Code: 203018

Time : Three Hours

Maximum : 100 Marks

I. Elaborate on:

(2 x 15 = 30)

1. Gastro intestinal bleed Scintigraphy.
2. Imaging in Pulmonary embolism.

II. Write notes on:

(10 x 7 = 70)

1. Radionuclide cisternography.
2. Salivary Scintigraphy.
3. Gallium-68 Citrate imaging.
4. Cardiac inflammation.
5. Calculation of Red cell Volume.
6. PETCT -Role in Head and Neck malignancy.
7. Staging of Medullary cancer thyroid.
8. Imaging in adrenocortical tumours.
9. Management of TENIS.
10. Response assessment criteria in Lymphoma after immunotherapy.
