

[LS 122]

NOVEMBER 2020
(OCTOBER 2020 SESSION)

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. Theranostics and its benefit in molecular imaging.
2. Radiopharmaceuticals in movement disorders

II. Write notes on:

(10 x 7 = 70)

1. Metabolic bone disorders
2. Radiopharmaceuticals and imaging techniques in liver imaging
3. Role of nuclear medicine in renal transplant complications
4. Neuroendocrine tumours.
5. Management of a patient with Graves' disease
6. Pyrexia of unknown origin
7. Cardiac sarcoidosis
8. Amino acid PET imaging
9. Quantitative parameters in PET imaging
10. Staging of lung cancer
