

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

(MCH 0124)

JANUARY 2024

Sub. Code: 1801

M.Ch. – SURGICAL ONCOLOGY

PAPER I – BASIC SCIENCES AS APPLIED TO SURGICAL ONCOLOGY

Q.P. Code: 181801

Time: Three Hours

Maximum: 100 Marks

I. Elaborate on: **(2 x 15 = 30)**

1. Tumor Lysis Syndrome – pathogenesis and manifestations.
2. Discuss about the different types of Molecular Diagnostics and Application.

II. Write notes on: **(10 x 7 = 70)**

1. Taxanes.
2. SBRT.
3. Physical Carcinogenesis.
4. Obesity and cancer.
5. Aromatase inhibitors.
6. Hereditary Non Polyposis Cancer Syndrome.
7. Tumor Markers.
8. Principles of Chemo irradiation.
9. Field Cancerization.
10. Role of Endoscopic Ultrasonogram in Cancer.
