

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

[MCH 0222]

FEBRUARY 2022

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. Molecular pathogenesis of oncogenic viruses. Discuss about HIV related cancers in detail.
2. Discuss various Risk reduction surgery in cancer prevention.

II. Write notes on:

(10 x 7 = 70)

1. Next generation sequencing
2. Apoptosis
3. HPV vaccines
4. Meta analysis
5. Radiosensitisers
6. Enzalutamide
7. TACE
8. Prostrate cancer screening
9. Molecular testing & its clinical use in Lung cancer
10. Radiobiological principles of Fractionisation& common Fractionisation schemes in practice.
