

(LP 017)

AUGUST 2019

Sub. Code: 1301

D.M. – MEDICAL ONCOLOGY

Paper I – BASIC SCIENCES

Q.P. Code: 161301

Time: Three Hours

Maximum: 100 Marks

I. Elaborate on:

(2 x 15 = 30)

1. Discuss the molecular biology of lymphoma and its therapeutic implication.
2. Discuss the stages of drug development.

II. Write notes on:

(10 x 7 = 70)

1. Response assessment with immunotherapy.
2. Time trends of cancer incidence in India.
3. Forest plot.
4. Nintedanib.
5. Types of neck dissection.
6. FISH (Fluorescent in situ hybridisation) and cancer.
7. Warburg phenomena.
8. Resistance to antiHer2 therapy.
9. Next – Generation sequencing.
10. Calvert formula.
