

(LN 056)

AUGUST 2018

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. What is minimal access surgery? Discuss its current role in Oncology.
2. What is neo-adjuvant therapy? Discuss in detail its principles, advantages, disadvantages with special reference to osteosarcoma.

II. Write notes on:

(10 x 7 = 70)

1. Gatekeeper genes.
2. Seed and soil hypothesis.
3. Pesticides and cancer.
4. Base excision repair.
5. E6 and E7 genes.
6. Cowdens syndrome.
7. Lead time bias.
8. Primary prevention.
9. Oxaliplatin.
10. Radiobiologic effectiveness.
