

(LR 017)

NOVEMBER 2020
(AUGUST 2020 SESSION)

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. What is chemotherapy dose density and dose intensity? Discuss the principles behind dose density, dose intensity and use of combination chemotherapy. Provide examples of clinical application of the same.
2. What is personalized medicine in cancer and what is the evidence for use of personalized medicine in cancer? Discuss the clinical applications of personalized medicine.

II. Write notes on:

(10 x 7 = 70)

1. Geriatric assessment score.
2. Government of India New Drugs and Clinical Trials Rules, 2019.
3. How will you assess nutritional status in a patient with cancer?
4. Selinexor.
5. Quality of life assessment in patients with cancer.
6. Discuss the mechanism of resistance to osimertinib and options for treatment for patients who progress on osimertinib.
7. Hypofractionated radiotherapy.
8. Central venous catheter-associated bloodstream infections (CLABSIS)
9. Role of surgery in cancer prevention.
10. What is donor specific antibody (DSA) and its implication in haploidentical hematopoietic stem cell transplantation.
