

**D.M. – MEDICAL ONCOLOGY**

**Paper IV – RECENT ADVANCES IN MEDICAL ONCOLOGY**

*Q.P.Code: 161304*

**Time: Three Hours**

**Maximum: 100 Marks**

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

1. Discuss the check-point inhibitors and its clinical application.
2. Discuss the recent advances in management of chronic myeloid leukemia.

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

1. Proton beam therapy.
2. Maintenance rituximab in lymphoma.
3. PI3 kinase and MTOR pathway in breast cancer.
4. Next generation sequencing.
5. Upfront chemotherapy in prostate cancer.
6. Liquid biopsy in cancer.
7. Management of hand foot syndrome.
8. Abiraterone.
9. Recent advances in management of primary CNS lymphoma.
10. Newer drugs in myeloma.

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