

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

**[DM 0222]**

**FEBRUARY 2022**

**Sub.Code :1304**

**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 current status of DNA micro array profiling in management of malignant tumour.
2. Recent advances in supportive care in cancer chemotherapy.

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

1. Diet and breast cancer.
2. Newer cancer chemotherapy agent for ovarian cancer.
3. Tumor suppressor gene.
4. CNS directed therapy in ALL – current status.
5. Tumor vaccines.
6. Heavy particle beam Radiation therapy.
7. Gene manipulation in Radiotherapy.
8. Vorinostat.
9. Molecular biology of colon cancer.
10. Myeloma response criteria.

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