

**QP Code:104514**

**Reg. No.:.....**

**D.M. (Medical Oncology) Degree Regular/Supplementary  
Examinations August 2021**

**Paper IV – Recent Advances in Medical Oncology & Palliative Care**

**Time: 3 hrs**

**Max marks:100**

- *Answer all questions to the point neatly and legibly • Do not leave any blank pages between answers • Indicate the question number correctly for the answer in the margin space*
- *Answer all parts of a single question together • Leave sufficient space between answers*
- *Draw table/diagrams/flow charts wherever necessary*

**Essay:**

**(20)**

1. Discuss circulating tumor cells from the following perspectives: their estimation and characterization, heterogeneity, prognostic/predictive value and current clinical use in various malignancies.

**Short essays:**

**(8x10=80)**

2. Second generation EGFR mutation inhibitor as tyrosine kinase inhibitor
3. Lenalidomide-mechanism of action, pharmacokinetics and side effects
4. Speech and swallowing rehabilitation in head & neck cancers
5. "CARs" in the treatment of B cell malignancies
6. Eribulin
7. Metronomic therapies
8. Concept of hospice and its practice in India
9. Chronic GVHD

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