

Q P Code: 101514

Reg. No.:.....

**D.M. (Medical Oncology) Degree Regular/Supplementary
Examinations September 2020**

Paper I – Basic Science in Medical Oncology

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. WHO classification of brain tumors and molecular changes in brain tumors, emerging treatment options for gliomas

Short essays:

(8x10=80)

2. Liquid biopsies in solid tumors
3. Prophylactic cranial irradiation in small cell lung cancer
4. Informed consent in clinical trials
5. CDK4/5 inhibitors in breast cancer
6. Medullary carcinoma of thyroid
7. Role of surgery in abdominal non-Hodgkin's lymphoma
8. Pain management in patients with cord compression
9. Chemical carcinogens
