

Q P Code: 101514

Reg. No.:.....

D.M. (Medical Oncology) Degree Examinations July 2019

Paper I – Basic Science in Medical Oncology

Time: 3 hrs

Max marks: 100

- ***Answer all questions***
- ***Draw diagrams wherever necessary***

Essay: (20)

1. Discuss on germ line mutations in breast cancer and risks of breast and ovarian cancer. What is the role of genetic counselors

Short essays: (8x10=80)

2. Brief note on cytogenetic and molecular changes in brain tumors
3. Screening of cervical cancer in resources limited nations
4. Histopathology of osteogenic sarcoma and assessment of neoadjuvant chemotherapy response
5. Precession radiotherapy in cancer
6. Patient related outcome
7. MUGA scan, its advantage over echocardiogram
8. Role of radiotherapy in prostate cancer
9. Duties and responsibilities of principal investigator in clinical trials
