

QP Code:101511

Reg. No.:.....

**M.Ch. (Surgical Oncology) Degree Regular/Supplementary
Examinations August 2022**

Paper I – Basic Sciences

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 the cancer genome and the new taxonomy of tumors

Short essays:

(8x10=80)

2. Next generation sequencing
3. Hepatitis viruses
4. Factors that affect radiation response
5. Adoptive cell transfer immunotherapy
6. Mechanism of resistance following platinum based chemotherapy
7. Screening recommendation for normal risk asymptomatic subjects for breast cancer and effectiveness breast cancer screening.
8. Single arm phase 2 trials
9. Implantable infusion pumps.
