

QP Code:101511

Reg.No.:.....

**M.Ch. (Surgical Oncology) Degree Regular/Supplementary
Examinations August 2021**

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 metastatic cascade in detail

Short essays:

(8x10=80)

2. Oxygen effect on radiotherapy
3. Proteomics in breast cancer
4. Apoptosis in cancer
5. Cancer cachexia
6. Different types of BIAS in biostatistics
7. Tyrosine kinase inhibitors (TKI)
8. PET-CT in cancer
9. HPV - vaccination
