

QP Code: 101520

Reg. No:

**M.Ch (Head and Neck Surgery) Degree Regular/Supplementary
Examinations April 2025**

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. Describe the surgical anatomy of the parotid gland and its embryologic peculiarities. What is its relevance to the surgical planning in malignant parotid tumours.

Short essays: (8x10=80)

2. Mechanism of tobacco driven carcinogenesis.
3. Mechanism of immune check point inhibitors.
4. Management of hypercalcemia in palliative setting.
5. Next generation sequencing in head and neck cancers.
6. Describe the embryologic and anatomic basis for conservative laryngeal surgery.
7. Relevance of sample size in planning a randomized clinical trial.
8. Mechanism of resistance to chemotherapy.
9. Mechanism of action of radiation therapy in head and neck cancers.
