

Rajiv Gandhi University of Health Sciences

M.Ch Degree Examination – JULY-2019

Time: Three Hours**Max. Marks: 100 Marks****HEAD AND NECK SURGERY****PAPER – I: Basic Sciences, includes Cancer Biology, Tumor Immunology, Cancer Etiology, Pharmacology, Radiation Biology, Tumor Pathology**
QP Code: 9851

Your answers should be specific to the questions asked.

Draw neat, labeled diagrams wherever necessary. Answer all questions

LONG ESSAY (These questions carry 10 marks each)**10 x 10 = 100 Marks**

1. Describe the anatomy of the anterior skull base and the applied anatomy in the context of endoscopic skull base surgery.
2. Molecular basis for Oral Carcinogenesis.
3. Malignant Transformation of oral potentially malignant conditions.
4. Pathology of Carcinoma ex-pleomorphic carcinoma.
5. Pathology of Sino-nasal Undifferentiated carcinoma.
6. Taxanes.
7. Biomarkers in head and neck cancers.
8. Significance of margins in oral cancer surgery.
9. Elastography.
10. Discuss the radiobiology of radiotherapy in the context of altered fractionation.

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