

THE TAMIL NADU DR.M.G.R. MEDICAL UNIVERSITY

(MCH 0225)

FEBRUARY 2025

Sub. Code: 1986

M.Ch. – HEAD AND NECK SURGERY

**PAPER I – BASIC SCIENCES INCLUDING HEAD & NECK
AND SKULL BASE ANATOMY, PHYSIOLOGY, PATHOLOGY,
MICROBIOLOGY AND PHARMACOLOGY**

Q.P. Code: 181986

Time: Three Hours

Maximum: 100 Marks

I. Elaborate on:

(2 x 15 = 30)

1. Describe the anatomy of the Infratemporal fossa (ITF). Describe the various surgical approaches to the ITF.
2. Describe the role of the Epstein-Barr virus in the pathogenesis of Head and neck cancers.

II. Write notes on:

(10 x 7 = 70)

1. HPV in oropharyngeal cancer.
2. Milan system for reporting salivary gland cytopathology.
3. Diffusion-weighted magnetic resonance imaging (DWI).
4. Pembrolizumab.
5. Tumour markers as prognostic indicators in Head and Neck cancer.
6. Stereotactic radiotherapy.
7. Elastography.
8. Surgical tumour margins – relevance, classification.
9. Anatomy of the para glottic space.
10. Cell free DNA.
