

KALOJI NARAYANA RAO UNIVERSITY OF HEALTH SCIENCES
TELANGANA STATE, WARANGAL – 506 002
POST DOCTORAL FELLOWSHIP EXAMINATIONS: AUGUST, 2024
HEAD & NECK SURGICAL ONCOLOGY
PAPER–II

Time: 3 Hours.

Max Marks: 100

Note: Answer all questions with neat diagrams whenever necessary
All question carry equal marks.

Write an essay on the following:

10 X 10 = 100

1. Write briefly on: 2+2+6
 - a) Etiology of Sinonasal tumors
 - b) Olfactory neuroblastoma
 - c) Craniofacial resection
2. De-Escalation Strategies for Human Papillomavirus-Associated Oropharyngeal Squamous Cell Carcinoma 2+4+4
 - a) Rationale
 - b) Strategies
 - c) Evidence
3. Discuss in detail the patterns of lymphatic spread from tumors of oral cavity subsites.
4. Marginal mandibulectomy 2+4+2+2
 - a) Rationale & Pre-requisites
 - b) Types
 - c) Complications
 - d) Reverse marginal mandibulectomy
5. Papillary thyroid carcinoma 2+2+3+3
 - a) Pathological features
 - b) Management of neck [NO and N+]
 - c) Adjuvant therapy after surgery
 - d) Follow-up after treatment
6. Comment on the following 2+2+2+2+2
 - a) RTOG 91-11 trial
 - b) ORATOR trial
 - c) De-ESCALaTE HPV trial
 - d) TAX 324 trial
 - e) EORTC 22931 and RTOG 9501 trials

7. Write briefly on 4+4+2
- a) Patterns of tumor invasion into mandible
 - b) Concept of compartment resection
 - c) Role of PET-CT imaging in oral malignancy
8. Discuss about the surgical margins in oral squamous cell carcinoma with evidence, comment on molecular margins. 8+2
9. Minimally invasive and remote-access thyroid surgery 2+2+6
- a) Indications.
 - b) Contraindications.
 - c) Surgical Techniques.
10. Comment on 2+2+6
- a) MEN2 syndromes.
 - b) Prophylactic thyroidectomy.
 - c) Management and follow-up of Medullary thyroid carcinoma.
