Write short notes on:

1. a) Embryology of larynx and trachea.  
b) What is the clinical significance of embryology in surgery for partial laryngectomy?  
   6+4

2. a) What is the surgical importance of Fossa of Rosenmuller?  
b) Clinical features and routes of spread of carcinoma of nasopharynx.  
   4+6

3. a) What are the causes of cancer tongue?  
b) How would you investigate such a case?  
c) How would you manage a case of carcinoma of tongue (lateral border, 2x2cm) having submandibular lymph node?  
   3+3+4

4. a) Define laryngopharyngeal reflux.  
b) What are its clinical features?  
c) How will you manage such a case?  
   3+4+3

5. a) Anatomy of retromolar Trigone.  
b) Clinical presentation and spread of tumors in this area.  
   5+5

6. a) Clinical features of post cricoid carcinoma.  
b) How will you investigate and manage a patient of post cricoid carcinoma?  
   5+5

7. a) Surgical anatomy of Killian’s dehiscence.  
b) Clinical features and management of Zenker’s diverticulum.  
   3+(4+3)

8. a) Anatomy of parapharyngeal space.  
b) What are the surgical approaches to this space?  
   6+4

9. a) Enumerate the complications of radical neck dissection.  
b) How will you manage a case presenting with a chylous fistula?  
   6+4

10. a) What are the indications of direct laryngoscopic examination?  
b) What are the anesthetic techniques for microlaryngeal LASER surgery?  
c) What precautions need to be taken during procedures involving LASER in an operation theatre?  
   3+4+3

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