

*Attempt all questions*

- 1) Describe the different deep spaces of the neck. State the surgical importance of each. 6+4
- 2) Describe the endoscopic anatomy of retrotympnum. What are the advantages of endoscope over conventional microscope in ear surgery? 6+4
- 3) What are the theories of phonation? What is Talbot's law? Describe the parameters and utilities of videostroboscopy. 3+2+5
- 4) Describe the anatomy of sphenoid sinus. State the clinical importance of it in relation to endoscopic hypophysectomy. 5+5
- 5) Describe universal newborn hearing screening. What is its importance in clinical practice? 6+4
- 6) Describe the anatomy of different parasympathetic ganglia in head and neck region. 10
- 7) What is recruitment? What are the audiological investigations done for recruitment. 3+7
- 8) Describe the anatomy of frontal recess. What are DRAF procedures? 4+6
- 9) Describe the anatomy of lateral skull base in short. What is MIRA and what are its indications? 6+2+2
- 10) What are the triangles in relation to thyroid surgery? What are the landmarks to identify. i) recurrent laryngeal nerve, ii) parathyroid glands in thyroid surgery? How do you manage a case of post-thyroidectomy hypocalcemic tetany? 3+2+2+3