### Important instructions:
- Attempt all questions in order.
- Each question carries 10 marks.
- Read the question carefully and answer to the point neatly and legibly.
- Do not leave any blank pages between two answers.
- Indicate the question number correctly for the answer in the margin space.
- Answer all the parts of a single question together.
- Start the answer to a question on a fresh page or leave adequate space between two answers.
- Draw table/diagrams/flowcharts wherever appropriate.

### Write short notes on:

1. a) What are inner ear fluids and their biochemical composition? b) Regulatory mechanism of inner ear fluids. (2+4)+4
2. a) Hidden areas of middle ear. b) Give their diagrammatic representation and surgical importance. 4+(4+2)
3. Vibrant Sound Bridge: its mechanism of action, uses, advantages and disadvantages. 4+2+2+2
4. a) Classify temporal bone fractures. b) How do we manage it? 4+6
5. a) Causes of tinnitus. b) Glomus Jugulare: Investigations and management 4+(3+3)
6. Various lasers used in otology, their specific uses and complications. 4+3+3
7. Etiology, clinical manifestations and management of superior semicircular canal syndrome. 2+3+5
8. Etiopathology, clinical features and treatment of Herpes Zoster oticus. 3+4+3
9. a) Define otitis media with effusion. b) What are the comorbidities associated with it? c) Enumerate related investigations. 2+5+3
10. Indications and techniques of mastoid obliteration. 4+6