

OTORHINOLARYNGOLOGY

PAPER – IV

ENT/APRIL/16/28/IV

Time : 3 hours

Max. Marks : 100

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 is auto transfusion? 3+3+4
b) What are the different blood components?
c) What are the indications of blood transfusions in ENT?
2. a) What is neoadjuvant chemotherapy? 4+2+4
b) What is the rationale behind its use?
c) Advantages and disadvantages of neoadjuvant chemotherapy.
3. a) What is image guided surgery? 3+3+4
b) Steps of image guided surgery.
c) Indications of image guided surgery in Otolaryngology
4. a) What are the tributaries of Internal Jugular Vein? 5+5
b) Complications of radical neck dissection.
5. Principles, advantages, disadvantages and clinical applications of PET (Position Emission tomography). 3+2+2+3
6. a) What is electronic nose? 4+6
b) What is its relevance in modern rhinology?
7. a) Classify the drugs used in management of allergic rhinitis. 2+8
b) What are the advantages and disadvantages of these drugs?
8. a) What is brachytherapy? 4+6
b) Its clinical application in Otolaryngology.
9. a) What is clinical audit? 4+6
b) What is the use of clinical audit in ENT?
10. a) Design of a randomized control trial (RCT). 3+4+3
b) What are the types of RCT?
c) What is blinding?
