

OTORHINOLARYNGOLOGY

PAPER -I

ENT/J/13/28/I

Time : 3 hours

Max. Marks : 100

Attempt all questions in order.

Each question carries 10 marks.

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| 1. What are the manifestations of xylocaine toxicity and how do you manage them. How do you give local anesthesia [†] for intranasal surgeries? | 6+4 |
| 2. Describe the scope of Computer Aided Surgery (CAS) and its application in ENT. | 4+6 |
| 3. What are the various LASER and their uses in ENT practice? | 10 |
| 4. What is the basic principle of gene therapy? Describe briefly somatic gene therapy in ENT. | 4+6 |
| 5. How will you perform salivary endoscopy? What are its indications and complications? | 10 |
| 6. Discuss the evaluation of Obstructive Sleep Apnoea (OSA). | 10 |
| 7. Describe Total Parenteral Nutrition (TPN) and its complications. | 10 |
| 8. What is gamma knife therapy? Describe its role in ENT and head and neck surgery. | 10 |
| 9. What are the various causes of chronic aspiration? How do we manage it? | 3+7 |
| 10. What are the various manifestations of noise pollution? What are the preventive measures used to reduce the impact on hearing? | 4+6 |
