Write short notes on:

2. Electronic nose and its relevance in modern rhinology.  
3. a) What is gamma knife stereotactic radio surgery? b) Write its indications, advantages & limitations.  
5. a) Theories of origin of branchial cyst. b) Clinical features & management of branchial cyst.  
6. a) Occult primary sites for metastatic cervical node. b) Investigations & management of a patient with metastatic cervical node.  
7. a) Factors affecting wound healing. b) Safe surgical techniques to improve wound healing.  
8. Classify the suture materials & their applications.  
9. a) Define ‘Autotransfusion’. b) Different blood fractions & transfusion reactions  
10. Mechanism of hyperbaric oxygen therapy & its indications in practice of ENT.  

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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.