Write short notes on:
1. a) What do you understand by ‘Organ Preservation Surgery’?  
   b) Its physiological basis, indications & future trends.  
   2+(3+3+2)

2. a) Define ‘Image Guided Surgery’.  
   b) What are its synonyms?  
   c) Its applications in Otorhinolaryngology.  
   2+2+6

3. a) Enumerate local anesthetic agents used in ENT.  
   b) Their route of administration, maximum dose and side effects.  
   3+7

4. a) Etiology of septic shock?  
   b) How would you diagnose & manage it?  
   4+(3+3)

5. a) What is hypercalcaemic crisis & its association with malignancy?  
   b) Outline its management.  
   (3+3)+4

   3+3+4

7. a) Define & give principle of ‘Intensity Modulated Radiotherapy’.  
   b) What are its advantages & drawbacks?  
   (2+3)+(3+2)

8. a) Causes of chronic aspiration.  
   b) How would you manage it?  
   4+6

9. Aetiology, clinical features and principles of management of thyrotoxicosis.  
   2+3+5

10. a) What is ‘Randomized Control Trial’ (RCT)?  
    b) Design & types of RCT.  
    c) What is blinding?  
    3+(2+2)+3

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