Write short notes on:

1. a) What is Necrotizing fascitis?  
   b) How will you manage a case of necrotizing fascitis?  

2. a) What are the various blood components available?  
   b) Indications of each component in a surgical patient.

3. a) Indications of Total Parenteral Nutrition?  
   b) Various solutions available for Total Parenteral Nutrition and their complications.

4. a) What is surgical audit?  
   b) Methods available and advantages of surgical audit.

5. a) What is diagnostic peritoneal lavage?  
   b) Indications and contraindications of diagnostic peritoneal lavage.

6. Clinical features and management of lymphoedema.

7. a) Enumerate emergency procedures for upper airway obstruction.  
   b) Indications, steps and complications of tracheostomy.

8. a) What are the fascial spaces of hand?  
   b) Treatment of palmar space abscess.

9. Physiological changes that take place after major trauma.

10. a) Define septic shock.  
    b) Causes and management of septic shock.