PART A

1. Describe the role of albumin in ICU and the current concepts of intravenous fluids in ICU.  
   5+5

2. What are the measures of tissue oxygenation? Describe briefly oxygen delivery, oxygen consumption and oxygen extraction  
   4+6

3. What is neuroplasticity? Describe drugs and techniques that can prevent and treat neuroplasticity.  
   3+7

4. What is the role of airway exchange catheters in modern anaesthesia practice? Describe in short management of post extubation stridor.  
   5+5

5. Describe the interfaces used with Non-Invasive Ventilation (NIV). What is NIV protocol? Describe the current definitive indications of NIV.  
   4+2+4