Discuss:

1. The effect of increasing plasma concentration of glucose, PAHA, and inulin on their renal clearance – with the help of illustration.  
   Marks: 8

2. Renal O2 consumption.  
   Marks: 4

3. Mechanisms of inhibition in CNS.  
   Marks: 8

4. Reaction to pain.  
   Marks: 5

5. Structural and functional differences between Golgi tendon organs and muscle spindle.  
   Marks: 5

   Marks: 4

7. Structural and functional difference between upper and lower oesophageal sphincters.  
   Marks: 6

8. Phases of pancreatic secretion.  
   Marks: 5