

1. Please describe the autonomic controls in the head. (15%)
2. Please describe the repair of a bone fracture (15%)
3. What is the tubular reabsorption in the kidney? (15%)
4. Define functions of the following terms (15%)
  - a. Podocyte
  - b. Neuromuscular spindle
  - c. Dural venous sinus
  - d. Surfactant
  - e. Blood-testis barrier
5. 試述肝硬化 (Cirrhosis) 之成因、機轉及末期的主要症狀. (20%)
6. 精液 (Semen) 中的成份如何提升懷孕成功的機率? (10%)
7. 帶半數來自父方遺傳訊息的胚胎，如何在子宮內避免被排斥?  
(10%)