

## PART I

1. 請盡量列可能導致黃疸的因素(不分年紀)，並簡要敘述其成因。(15分)
2. 請簡要敘述鬱血性心衰竭(Congestive Heart Failure)會發生的症狀，並用病態生理的方式敘述其理由(最好可以畫出流程圖)。(15分)
3. 請列出五種會導致癌症的感染源，並簡要說明這些感染源的特性。(20分)

## PART II

1. Please write the names of three famous people and their respective studies on clinical medicine. (10%)
2. Does the body weight have impact on cancer patient survival? Please describe the possible mechanism. (10%)
3. What is adaptive immunity? Please describe their significance in clinical medicine. (10%)
4. Please point out which organs can regenerate after injury or resection? Try to describe the possible mechanism (10%)
5. What is a mesenchymal stem cell? Please point out the possible future clinical applications and their mechanisms. (10%)