

科目： 膳食療養學 (含人體生理學)

系所組： 營養科學系

1. Please describe briefly the principle, interpretation, and reference range of following metabolic indicators: 20%
 - (1)HgbA1C
 - (2)C-Reactive protein high sensitivity
 - (3)High Density Lipoprotein (HDL-C)
 - (4)Asparate Amino Transferase (AST)
2. Mrs. Lin was diagnosed having Gastroesophageal Reflux (heart burn). You, as a dietitian, please explain to her the reason for contraction, the pathophysiological mechanism, behavioral modification, and nutrition management of this disease. 15%
3. Please describe the mechanism of calcium homeostasis. 10%
4. What are acute and long-term complications of diabetes? What possible monitoring indicators or examination could be used to prevent complications from occurring? 15%
5. Mr. Wang is a stage C heart failure patients, what modifications of following nutrients should be made under his condition? 10%
 - (1) fats
 - (2)magnesium
 - (3)thiamin
 - (4)vitamin D
 - (5)energy
6. What are primary goals of nutrition care for COPD (chronic obstructive pulmonary disease) patients, for this kind of patients, how their energy, macronutrients, micronutrients, and feeding strategies should be modified? 15%
7. Following substances/indicators are usually monitored for end-stage renal disease patients. Please indicate the function and normal range of the substances for people on dialysis. If lower or higher values are detected, what kind of diet changes should be implemented?15%
 - (1)nPNA
 - (2)BUN
 - (3)Phosphorus

※ 注意：1.考生須在「彌封答案卷」上作答。

2.本試題紙空白部份可當稿紙使用。

3.考生於作答時可否使用計算機、法典、字典或其他資料或工具，以簡章之規定為準。