

題號：373
科目：營養學

國立臺灣大學97學年度碩士班招生考試試題

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Please answer the following questions. You may answer in your own order and in your preference language (English/or Chinese)

1. A. What is osteoporosis and how to prevent the development of osteoporosis?(5%)
B. What are the possible impacts of caffeine, protein, vitamin A and vitamin D on osteoporosis?(12%)
C. Milk is actually only one of many sources of calcium. What will you recommend for people who are unable to digest dairy products?(5%)
2. According to the most recent published "Nutrition and Health Survey in Taiwan Elementary School Children 2001-2002", Taiwanese schoolchildren have poor folate status especially during periods of rapid growth and development such as the transition from childhood to early adolescence.
A. What is the nutritional function of folate?(5%)
B. What is the underlying problem of poor folate status in school children?(5%)
C. What is the purpose of Nutrition and Health Survey?(12%)
3. A. What are Genetically-Modified (GM) or GMOs (genetically-modified organisms) foods?(5%)
B. Please list the advantages and disadvantages of the production of GM foods and how may the GM foods or food products affect public nutritional health?(10%)
C. Please comment on whether the labeling of GM foods and food products is necessary or not.(5%)
4. A. Please describe the types of dietary fiber and the physiological function of the dietary fiber.(10%)
B. What is fermentable fiber and it's potential health benefits?(5%)
C. What is the component in plants that actually restrict the absorption of minerals and vitamins?(5%)
5. A. Why do we need nutrition labeling for packaged food in Taiwan? (4%)
B. What kind of information should be provided in a nutrition-labeling?(12%)

試題隨卷繳回