

臺北醫學大學九十學年度研究所碩士班招生考試題目卷

九十學年度研究所碩士班招生筆試

科目：膳食療養學(含膳食設計)

所別：保研

考科：膳食療養學

題目試卷共 3 張，本試卷為第 1 張

一. Please write down the whole term of the following abbreviations in English: 10%

1. TPN
2. COPD
3. CAPD
4. CVA
5. MUFA

二. Translate the following terms into Chinese: 10% (不必解釋)

1. Dyspepsia
2. Myocardial infarction
3. Gastrectomy
4. Encephalopathy
5. Cachexia
6. Oliguria
7. Sepsis
8. Diverticulosis
9. Ascites
10. Phenylketonuria

三. Match: 10%

- a) α -Linolenic acid _____
- b) Arachidonic acid _____
- c) Oleic acid _____
- d) Eicosapentaenoic acid _____
- e) Stearic acid _____

1. C16:0 2. C18:0 3. C18:1, n-6 4. C18:1, n-9 5. C18:2, n-6 6. C18:3, n-3
7. C18:3, n-9 8. C20:4, n-6 9. C20:5, n-3 10. C20:5, n-6

四. Choose the correct answer (single choice) 40%

1. What would increase renal solute load?
 - a. protein, Na
 - b. Protein, CHO
 - c. Protein, fluid
 - d. CHO, H₂O
2. Which of the following nutrient is not recommended to a person with ESRD?
 - a. B₁₂
 - b. Vitamin A
 - c. B₆
 - d. Vitamin D
3. A patient's GFR has decreased to less than 5 ml/min; he would be considered for:
 - a. an overall decrease in protein intake
 - b. hemodialysis
 - c. normal
 - d. increase in protein intake

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科目：膳食療養學(含膳食設計)

考試時間：90分鐘

題目試卷共 3 張，本試卷為第 2 張

4. A CRF pt with GFR of 30 ml/min. How much protein should be given?
 - a. 0.1-0.3 g/Kg
 - b. 0.6-0.8 g/Kg
 - c. 1.0-1.2 g/Kg
 - d. 1.4-1.6 g/Kg
5. Which hormone is responsible for reabsorption of sodium by the kidneys thereby controlling blood pressure?
 - a. aldosterone
 - b. insulin
 - c. ADH
 - d. thyroxin
6. In kidney disease, intestinal calcium absorption is decreased because of:
 - a. decreased active vitamin D formation
 - b. increased reabsorption of calcium by the kidney
 - c. increased phosphorous reabsorption by the kidney
 - d. increased phosphorous absorption by the intestine
7. Appropriate goals for the NIDDM patients are:
 - a. rapid weight loss, ↓fasting blood glucose, ↓need for OHA (oral hypoglycemic agents)
 - b. moderate weight loss, ↓fasting blood glucose, ↓need for OHA
 - c. rapid weight loss, ↑fasting blood glucose, ↑need for OHA
 - d. moderate weight loss, ↑fasting blood glucose, ↑need for OHA
8. How are reactive hypoglycemia guidelines different from diabetes guidelines:
 - a. timed meals
 - b. can have concentrated sweets
 - c. low CHO, high fat
 - d. high CHO, low fat, low protein
9. Gestational diabetes is hardest to control at:
 - a. Breakfast
 - b. Lunch
 - c. Dinner
 - d. Bedtime
10. A patient with 75% stomach resection would have risk of a deficiency of:
 - a. biotin
 - b. ascorbic acid
 - c. B₁₂
 - d. Pantothenic acid
11. Which is the most desirable diet plan for dumping syndrome:
 - a. low CHO, limit fluids
 - b. high CHO, high fluids
 - c. low fat, low CHO
 - d. high fat, high CHO
12. What is the diet for a pt with 100 cm of intestine removed?
 - a. high fluids, high protein, high electrolytes, parenteral B₁₂, fat soluble vitamins
 - b. high fluids, low protein, enteral B₁₂, fat soluble vitamins
 - c. low fluids, low electrolytes, parenteral B₁₂ soluble vitamins
 - d. low fluids, enteral B₁₂, water soluble vitamins

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科目：膳食療養學(含膳食設計)

考試時間：90分鐘

題目試卷共 2 張，本試卷為第 3 張

13. Obstruction of pancreas and bile ducts will cause:
 - a. elevated plasma cholesterol
 - b. fat malabsorption
 - c. elevated plasma TG
 - d. lactose intolerance
 14. For peptic ulcer patients, the proper diet prescription is:
 - a. Avoid spicy foods
 - b. Eliminate green leafy vegetables
 - c. diet as tolerated
 - d. avoid caffeinated beverages
 15. With the tuberculosis drug isoniazid (INH), you would need to supplement:
 - a. B₁₂
 - b. B₆
 - c. Folate
 - d. Vitamin C
 16. What is the best way to determine the nutrient intake for a patient with cancer and anorexia?
 - a. food history
 - b. 24-hour recall
 - c. food frequency
 - d. 3-day diary
 17. What determines the osmolality of tube feeding formula?
 - a. amino acids
 - b. lactalbumin
 - c. calcium caseinate
 - d. soybean oil
 18. About type I hyperlipoproteinemia, which statement is incorrect?
 - a. Plasma chylomicron is elevated
 - b. MCT can be used to substitute LCT
 - c. Plasma cholesterol is elevated but TG is normal
 - d. Total fat intake is restricted
 19. What kind of food can not be used in low residue diet?
 - a. Orange juice
 - b. Chicken broth
 - c. Ice cream
 - d. Tender meats
 20. What component in foods should be eliminated in celiac sprue?
 - a. fat
 - b. gluten
 - c. lactose
 - d. simple sugar
- 五. Please describe the mechanisms of fish oil in the treatment of inflammatory diseases.10%
- 六. Please describe the clinical application of glutamine in preventing intestinal mucosa atrophy and bacteria translocation.10%
- 七. Describe the relation between alcohol consumption and fatty liver.10%