1	南華大學九十六學年度	碩士班	招生考試試題卷
:	自然醫學研究所		科目編號:4402-1
:	英文		試題紙第_/頁共4頁

Answer all questions based on what is stated or implied in the following passages. Choose the one best or most appropriate answer.

I. Read the following passage: (30%)

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Not so long ago, antioxidant vitamins were hailed as nature's own weapons against chronic illness, powerful antidotes to horrid diets and failed exercise plans. But recent and more rigorous research suggests that this silver bullet missed its mark. Most long-term prospective trials have shown that using antioxidant vitamin supplements does not prevent heart disease or cancer, with the possible exception of prostate cancer.

In a study published last month in The Journal of the American Medical Association, researchers in Europe analyzed data from 68 large trials in which more than 232,000 adults were given antioxidant supplements. In a subset of those studies, the scientists concluded, subjects taking vitamins A and E and beta carotene saw a slightly increased risk of death compared with those who did not take supplements.

So are America's most popular vitamins actually harmful? Not likely, other experts say. Although antioxidant (10) supplements have not been the cure-alls scientists had hoped for, there may yet be a place for them. Dr. Andrew Shao, vice president of the Council for Responsible Nutrition, a trade group for the supplement industry, said, "Most of these patients already had disease, so the conclusions simply aren't relevant to a healthy population."

The essential premise behind antioxidant supplements remains intact, researchers say. Free radicals of reactive oxygen species, a normal byproduct of metabolism, damage cellular DNA unless antioxidant compounds remove them. Oxidative damage is characteristic of a wide variety of chronic diseases. Still, faced with solid basic science but a litany of null results in the clinic, many scientists are calling for a change in tactics. Some theorize that a randomized clinical trial, the gold standard for medical research, may not be the best way to evaluate vitamin supplements.

Moreover, cancer and heart disease arise from a powerful confluence of genetic and environmental (20) influences. In hindsight, it was naïve of scientists and consumers to hope that the relatively short-term addition of one or two antioxidants would be enough to counteract decades of poor diet and inadequate exercise, not to mention the genome.

But for most of us, the time has come to let go of the notion that high-dose supplements provide a magic wand against disease. The good news is that a diet rich in fruits and vegetables contains literally thousands of

(25) antioxidant nutrients. Prevention begins in the kitchen. (Excerpted from The New York Times, "Another Supplement, Under the Microscope" by Michael Mason. March 13, 2007.)

3.	The word "naïve" in line 20 is closest in me (A) sophisticated (B) child		C) smart	(D) honest
	(A) Horrid diets and failed exercise plans (C) Free radicals	(B) Vitamins A and E (D) A diet low in fruit		
2. According to the research findings in the passage, which one of the following appears to increase th			ease the risk of death?	
1.	This passage is mainly about (A) lifestyles and diseases (C) clinical studies in nutrition research	(B) the eating habits (D) antioxidant suppl		

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 4. It can be inferred from the passage that (A) 232,000 adults consume antioxidant supplements in Europe eve (B) no scientist thinks randomized clinical trials are the best way to (C) short-term consumption of antioxidants is insufficient to prever (D) using antioxidant vitamin supplements does not prevent prostate 	study vitamin supplements nt heart disease or cancer
5. The expression "this silver bullet missed its mark" in line 2 could be (A) this quick and easy solution did not work (C) this research missed its deadline (D) this kind of resilver bullet	
 6. What is the opinion of Dr. Andrew Shao? (A) Antioxidant supplements are beneficial to our health (B) Antioxidant supplements are harmful to our health (C) The conclusion from the research study does not apply to health (D) There is no place for antioxidant supplements in disease prevent 	y people cion
II. Read the following passage: (20%)	
Though you'd think creativity and intellectual stimulation of years of interviews with police and firefighters told John Schaubtype A's in complex jobs, like that of a detective, leads to cardio organizational behavior at the University of Nebraska, reports in It's the easy-going, mellow folks your type B who should complex jobs are less likely to have heart trouble than type B's dispatchers," Schaubroeck finds. But that's only the case for psy reflection, multiple skills, and independence which shouldn't like demanding, a different type of complexity. Just as exercise stree the type B's autonomic nervous system the system that regula "Type A's should have fairly simple jobs that don't require a the elements of job complexity," says Schaubroeck. "In a complex can't distance him or herself." [Excerpted from Yahoo Health, Creation or herself."]	proeck, Ph.D., the opposite. "The combination of ovascular problems," Schaubroeck, a professor of in the Academy of Management Journal. Id be in those coveted creative jobs. "Type B's in in less stimulating, mechanical jobs, like schologically complex jobs those requiring one confused with jobs that are only intellectually ingthens the heart, stimulating jobs may toughen ates the heart. Lot of reflection, skill variety, and autonomy ex job, the type A becomes overstimulated and
7. The word "autonomy" in line 11 means	erience (D) management skills
8. It can be inferred from the passage that (A) Type A individuals do not have the skills to handle jobs that required (B) most police and firefighters are of Type A personality (C) the risk of developing heart problems in Type A individuals is high (D) Type B individuals enjoy mechanical jobs	
 9. According to the passage, individuals who are of Type B personality (A) be in a job that is not stimulating and mechanical (B) try to toughen their autonomic nervous system with exercise (C) be less likely to have heart problems working in psychologically (D) strengthen their organizational behaviour 	
10. It can be inferred from the passage that Type A and B are ways to (A) health (B) capabilities (C) wes	describe a person's aknesses (D) personality

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科 目: 英文	試題紙第3頁共4頁
III. Read the following passage: (20%)	
The use of complementary and alternative medicine (CAM) has been a patients. The aim of this study is to evaluate the prevalence and patterns intentions and their perceived effectiveness of using Chinese herbal medicine between the herbal medicine use and demographic factors among Chinese We analyzed the data from a population-based sample of 1065 breast Patients' average age at diagnosis was 48.1 years and the median time from survey was 4.3 years. Overall, 98% of patients had used at least one form of CAM therapy at most popular CAM modality was traditional Chinese medicine (86.7%), follows (84.8%), physical exercises (65.5%), and support group attendance (16.6%) CHM was used by 86.4% of patients, while acupuncture was used only by 4.5 was the most common intentions of using CHM. Other cited intentions included (12%), preventing metastasis of cancer or managing other discomforts (7.9 symptoms (4.7%). The majority of patients reported that they had benefit were younger, married, had higher education or income, received chemot recurrence/metastasis of cancer tended to use CHM more frequently than prevalence of CAM use among breast cancer patients, research is urgently efficacy and safety of CAM use, particularly use of herbal medicines. [Cui Naternative medicine by Chinese women with breast cancer. Breast Cancer Res Treast Cancer Res Treas	of CAM use, particularly patients' cine (CHM), as well as the relations women with breast cancer. cancer women in urban Shanghai. In the initial diagnosis to the follow-up of patients. Treating cancer (81.5%) luded enhancing the immune system of follow-up of the follow-up of th
11. The word "perceived" in line 3 means (A) received (B) assumed (C) true (D) long-term	
12. The phrase "98% of patients had used at least one form of CAM therapy" in It (A) 98% of patients had used just one form of CAM therapy (B) 98% of patients had never used CAM therapy (C) 98% of patients had used one or more forms of CAM therapy (D) 98% of patients had used more than one form of CAM therapy	ine 9 means
13. According to the passage, research is urgently needed to evaluate the effica	cy and safety of CAM use because
(A) the majority of patients benefited from the use of CAM (B) cancer patients used CAM to treat their disease (C) Chinese herbal medicine is harmful to cancer patients (D) many breast cancer patients used CAM	
 14. Which of the following is true about the research study? (A) Less than one-fifth of the patients attended a support group (B) One of the intentions of using CAM was to prevent cancer (C) Few patients benefited from the use of Chinese herbal medicine (D) Patients who used Chinese herbal medicine were less likely to be young 	

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IV. Link each word in the left column with its correct meaning provided in the right column: (30%)					
15. acute		a. a sign or indication of something			
16. chronic		b. Involving direct observation of the patient			
17. symptom		c. the act of taking for granted or supposing			
18. diagnosis		d. having long duration			
19. clinical		e. overweight			
20. assumption		f. important			
21. risk		g. experiencing a rapid onset but severe course			
22. obesity		h. enough			
23. significant		i. exposure to the chance of injury or loss			
24. sufficient		j. identifying the nature or cause of some phenomenon			