

中國醫藥大學九十七學年度研究所博士班入學招生考試試題

所別：環境醫學研究所

科目：公共衛生學

考生注意：答案必須寫在答案卷上，否則不予計分。

請將下列問題回答在答案卷上，用中文或英文回答，都可以。

1. The issue of global warming has attracted a great attention in recent years. Please briefly describe 4 potential effects on ecology and/or human health. (20%)
2. The trends of both incidence and prevalence of HIV infection and AIDS changed rapidly in recent years in Taiwan. Please briefly describe the trend and the cause of the change. (20%)
3. Women in industrialized countries are more likely to have greater longevity than man, but men in developing countries have a longer life expectancy than women. How can you explain these findings? (20%)
4. Our country has achieved significant health gains without major increases in per capita income, GNP or institutional health-care expenditures in 1960-1980. How could we achieve this health status without great wealth? (20%)
5. The Indian National Family Health Survey examined 83627 married women aged 15-49 years from 1998 to 1999 for the role of education and proximate educational context on intimate partner violence (IPV). This study used multilevel multiple logistic regression modeling to estimate the risk (i.e. odds ratio, OR) of lifetime IPV and recent IPV. The following Table shows the results of association with the neighborhood status. Please interpret the findings. (20%)

Table Risk (OR with 95% confidence interval (CI) for reported intimate partner violence and neighborhood literacy: Indeian National Family Health Survey, 1998-1999.

	<u>Lifetime IPV, OR(95%CI)</u>	<u>Recent IPV, OR(95% CI)</u>
Nbhd female literacy, tertile %		
Highest (reference)	1.00	1.00
Middle	1.18 (1.07, 1.29)	1.20 (1.07, 1.35)
Lowest	1.10 (0.99, 1.24)	1.14 (0.99, 1.31)
Nbhd male literacy, tertile %		
Highest (reference)	1.00	1.00
Middle	1.08 (1.00, 1.18)	1.07 (0.96, 1.19)
Lowest	1.12 (1.01, 1.23)	1.14 (1.01, 1.28)

Note. Nbhd = neighborhood. One contextual education variable was modeled at a time. Models include location, current age, age at wedding, religion, caste, employment, living standard, woman's education, husband's education, and spousal education differential.