

# 南華大學九十五學年度 碩士班 招生考試試題卷

系所別：環境管理研究所

科目編號：A1-17-15

科 目：環境科學

試題紙第 1 頁共 1 頁

1. Please describe carbon cycle in the ecosphere and explain the details.

(15%)

Please describe the content of "Kyoto Protocol" and its possible effects.

(10%)

2. Please explain why you agree or disagree with the following proposals by various energy analysts:

(1) Governmental subsidies for all energy alternatives should be eliminated so that all energy choices can compete in a true free-market system. (10%)

(2) Development of solar and wind energy should be left to private enterprise and receive little or no help from the government. (10%)

3. Please explain the causes for ozone depletion. (15%)

4. Should we protect biodiversity in the ecosystem? (10%)

If your houses are invaded by fire ants which can cause painful bites, what would you do? Why? (10%)

5. In Taiwan, what are the principal nonpoint sources of contamination of surface water and ground water? (10%)

How is drinking water treated? (10%)