南華大學九十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:統計學

用紙第 / 頁共 / 頁

Explaining the following statistical terms and state when and how to use them. (10 points each)

- 1. Descriptive statistics
- 2. Central limit theorem
- 3. Normal distribution and binomial distribution
- 4. Sampling distribution
- 5. Type I and Type II errors
- 6. Estimation
- 7. Hypothesis Testing
- 8. Chi square test
- 9. Analysis of Variance (ANOVA)
- 10. Regression