

國立臺北大學 105 學年度博士班一般入學考試試題

系（所）別：公共行政暨政策學系 共 1 頁，第 1 頁

科目：專業英文 可 不可 使用計算機

Please answer the following questions in English.

1. To many persons living in large metropolitan areas, commuting to work can be frustrating. They view traffic congestion as a serious problem. To others, congestion is a natural consequence of human behavior and not something to worry about. Please explore the concept of traffic congestion as a problem that may or may not need attention. In other words, define it from a number of different perspectives.(25%)
2. Providing spare parts and tools to the government is a big business, and apparently a profitable one. In recent years, however, there have been accusations that the prices of spare parts have been inflated by some suppliers, with the government paying hundreds of dollars each for single hammers, screwdrivers, wrenches, and similar items. Although a number of committees and commissions have examined this issue, reports of such abuses continue to surface. Stopping this spare-parts abuse is apparently a complicated undertaking. You will not be asked to solve this problem, but if you were to be assigned this tasks, what criteria should be used for judging alternatives? Identify, describe, and justify the technical, economic, political, and administrative criteria you believe should be used in such an analysis.(25%)
3. (25%) A curfew was established in A town and an evaluation of the effectiveness of the curfew was conducted. Preprogram and postprogram delinquency-rate data were collected both A town and B town, a comparison town in the same county that did not and does not have a curfew. Consider the data below, intended to determine the impact of the curfew in A town upon juvenile delinquency rates,

**The Quasi-Experimental
Design**

	Before-curfew Delinquency Status	After-curfew Delinquency Status
A town	A ₁	A ₂
B town	B ₁	B ₂

A₁ juvenile delinquency rate in A₁ for the month of August last year

A₂ juvenile delinquency rate in A₁ for the month of October last year

B₁ juvenile delinquency rate in B₁ for the month of August last year

B₂ juvenile delinquency rate in B₂ for the month of October last year

The curfew for juveniles was implemented in A town effective September 1, last year. Assume no curfew in B town and no prior curfew in either town.

Delinquency rate:

A₁=0.050

A₂=0.040

B₁= 0.025

B₂=0.020

- (1) What can you conclude from this evaluation? How did you arrive at this conclusion? What comparisons did you make? What other factors did you consider?
 - (2) What major validity problems (if any) exist in this evaluation design?
 - (3) What policy recommendation would you make to the mayor and police chief of A town?
4. (25%) Please write a short research proposal indicating the dissertation you are going to conduct. Be sure that the following components are included:
- (1) Title of the study
 - (2) Statement of the problem
 - (3) Review of related literature
 - (4) Design of the study
 - (5) Significance of the study
 - (6) Limitation