



國立雲林科技大學

九十一學年度研究所博士班入學考試試題

系所：設計學研究所

科目：設計研究方法

說明：本試題共有三大題，請依序並標明題號，詳答於答案卷上，可以不用抄題。

- 一、近來我國的文化政策一直受到國人的高度關注，無論是社區總體營造、鐵道藝術網絡、閒置空間再利用、一鄉鎮一生活文化館、甚至是創意文化園區等工作的推動，事實上均與「設計」密不可分。
- (a) 請試從您個人的專業或參與相類似文化工作的經驗，說明我國目前文化政策推動上所面臨的困境及設計專業者在其中可扮演的積極角色。(15%)
- (b) 請根據您在(a)中的說明，以此做為研究動機，提出一研究計畫並試擬一套可行的研究方法。(25%)
- 二、「調查研究法」(Survey Research Method)是常被設計領域使用的多種研究方法之一，請就使用問卷調查法之研究者，對於抽樣、問題設計與訪談方法三大部份之重點逐一說明解釋之。(30%)
- 三、若論文的構成包括 (1) Introduction (2) Materials and Methods (3) Results (4) Discussion 與 (5) Conclusions 等內容，請說明撰寫一篇完整的研究論文，其 Introduction 與 Discussion 的寫作重點為何？(30%)



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一、自 90 年代以來，有一些新的設計觀念被提出，並廣獲迴響，試就以下二小題，詳加闡釋，作答：(a 題與 b 題請分開回答，並標示清楚)

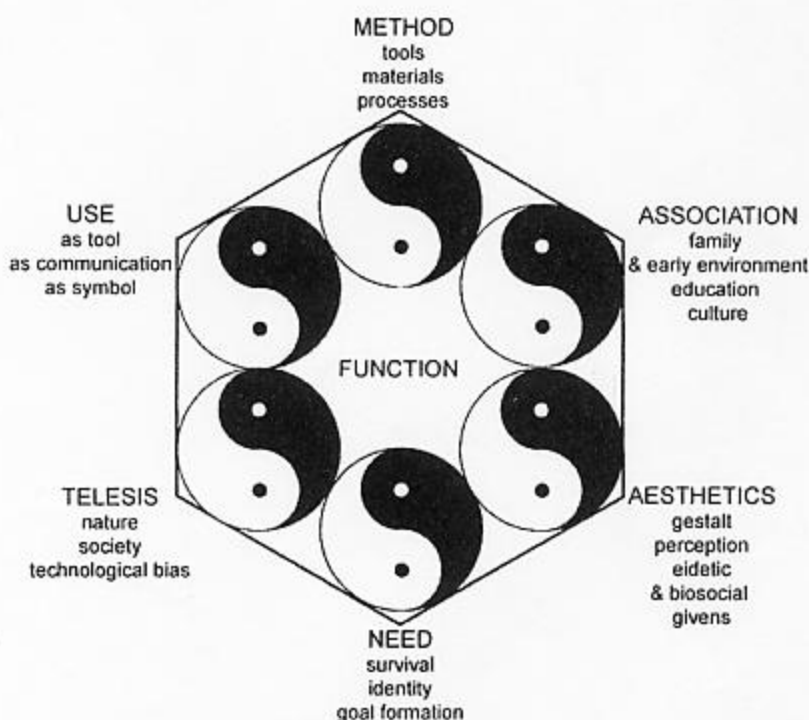
(a) 試申述「green design」與「universal design」的異同及其理想之實踐模式。(25%)

(b) 從您熟知的設計專業領域裡，說明何謂「barrier-free design」、「universal design」與「eco-design」？並分別舉相關設計案例說明之。(25%)

二、*The implication in "form follows function" is that as long as the functional requirements are satisfied form will follow and seem pleasing.*

Question;

In the following function complex, the Yin-Yang monad appears at each of the six aspects, indicating the soft-hard, feeling-thinking, intuitive-intellectual mix, which determines each of these six evaluation criteria. Please use this complex to explain that how these criteria are applied on one of the three major fields in design (Environmental Design, Industrial Design & Visual Communication Design). (25%)





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三、*Relations provide a productive characterization of designs and a generous framework in which to think about designs in various ways. For example, designs are sometimes compared for equivalences and similarities, and ranked with respect to different criteria, including aesthetic and functional ones. As a result, new relations are formed. These can be defined in computations just as relations containing designs are defined. Where drawings, descriptions, and devices of other kinds are connected to make designs, designs are connected to make comparisons and to establish rankings. In both cases, parallel computations go forward in algebras to produce the elements in relations.*

Please read the paragraph above and answer the following questions:

- (a) Translate the paragraph above into Chinese. (7%)
- (b) What are the key points in the paragraph above? (8%)
- (c) As your opinion, how can the concepts mentioned in the paragraph above be applied to the designs or design studies? (10%)