

系所組別：創意產業設計研究所乙組

考試科目：數位媒體與互動設計

考試日期：0223，節次：3

※ 考生請注意：本試題不可使用計算機。請於答案卷(卡)作答，於本試題紙上作答者，不予計分。

(可用中文或英文回答)

I. Essay Questions on Digital Media (40%)

1. Consider Games (board games or digital games), please pick one particular game and identify 3 *different types of media* used in the game. (15%)
2. For the 3 different types of media you identified in answering the previous question, please *describe, compare and contrast* their characteristics in terms of handling the *data, information and knowledge* in the game. (25%)

II. Design Question on Interaction Design (60%)

Online Board Game Design

Please design an online board game to promote sustainable living (green living) and energy conservation. The game should be played by 3 or more players using web browsers.

1. The game: describe the game design in terms of the game setting, the game rules, and game plays. (20%)
2. System design: describe the system in terms of required technology and hardware/software services. (10%)
3. Information architecture: describe various types of required information contained in the system and how these different types of information relate to one another. (10%)
4. Interaction design: describe the interactivity between the users, various types of information, and the gaming context. (10%)
5. User interface design: describe the user interface in terms of screen layouts and mouse/keyboard controls. (10%)