

國立臺中教育大學九十八學年度研究所碩士在職專班招生考試

數位藝術與設計(含多媒體概論及手繪)試題

適用學系:數位內容科技學系

一、選擇題 (30%)

1. 下列那一種軟體非具剪輯功能?  
(A) Soft Image (B)Final Cut Pro (C)Premier (D)Combustion
2. 下列那一種軟體具有實體 (Solid Model) 建模功能?  
(A) MAYA (B)Poser (C) Pro-E (D)Alias Studio
3. 下列那一種是被制訂為 HDTV 規格之技術?  
(A) MPEG-1 (B)MPEG-2 (C)MPEG-3 (D)MPEG-4
4. 以下那一位為知名的新媒體藝術研究者,著有《新媒體語言》(The Language of New Media)一書:  
(A)Walter Benjamin (B)Lev Manovich (C)Roland Barthes (D) John Steven
5. 請找出數值化再現的翻譯名詞:  
(A)Number Representation (B) Variability/Liquidity (C)one-to-one medium (D) Digital display
6. 科技藝術被認為是一種以工具和媒材來做為界定標準的藝術類別,請問其翻譯名詞:  
(A)Tec Art (B)Generative Art (C)Internet Art (D)New Art

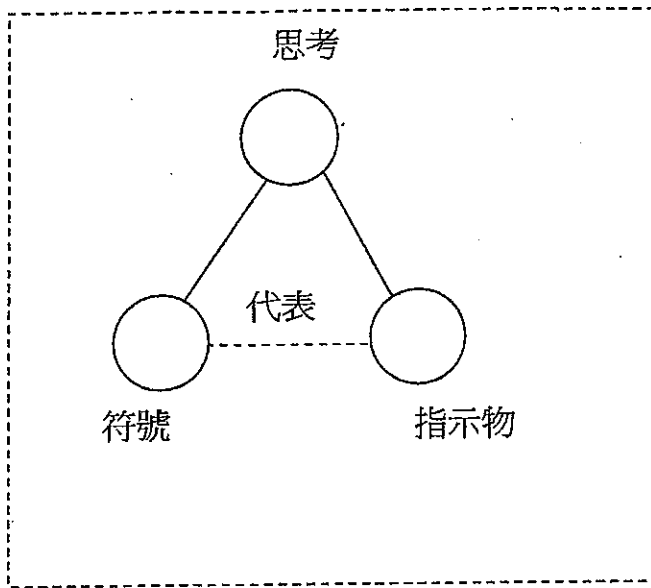
二、問答題

1. 888 關鍵字廣告公司為佈局台灣市場,需要規劃一個網路平台,請完成以下指定項目;解答請在提供的圖畫紙上完成;限使用單色鉛筆作答。(40%)

【作答與配分提示】

- (1)請說明市場策略擬定。(10%)
- (2)請畫兩張單色草圖 (Idea sketch; 含設計概念說明);每一個創意要有明顯的差異性,而非構圖上的變化)。(20%)
- (3)請說明如何導入市場,做好自我宣傳。(10%)

2. 請依據下列模式描繪生活經驗中之一種日常用品,並輔助說明之。(15%)



3. 請想像拍攝一部與自己童年生活有關的三分鐘短片創作，並將其一系列腳本的分鏡圖以手稿繪出。(15%)

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計算機概論(含資料結構)試題

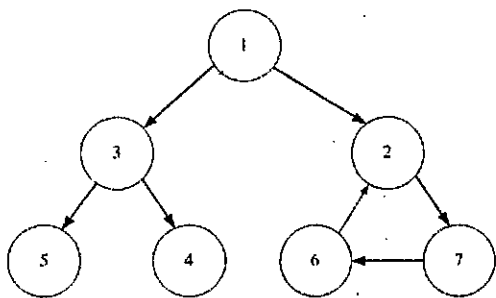
適用學系:數位內容科技學系

一、選擇題 (40%)

1. ( ) 以下何者不是應用層協定? (A) ICMP (B) SMTP (C) HTTP (D) FTP
2. ( ) 以下何者符合偶同位編碼? (A)11101010 (B) 11001101 (C) 10101011  
(D)01110111
3. ( ) 以下何者不是容錯碼? (A) Hamming code (B) CRC (C) Check sum (D) RSA
4. ( ) 路由器是哪一層網路的裝置 (A) 應用層 (B) 傳輸層 (C) 網路層 (D) 資料鏈結層
5. ( ) 以下何者的邏輯順序和實體順序不一定相同:(A) 鏈結串列 (B) 一維陣列 (C) 二維陣列 (D) 以上皆是
6. ( ) 以下哪種資料結構是採用「後進先出」的順序:(A) 陣列 (B) 佇列 (C) 堆疊 (D) 環狀佇列
7. ( ) 從根節點到樹中所有葉節點的最長可能路徑,稱作樹的 (A) 高度 (B) 階層 (C) 根節點 (D) 葉節點
8. ( ) 網站的網址以 https://開始,表示該網站具有何種機制?(A)使用 SSL 安全機制(B) 使用 SET 安全機制(C)使用 smallBusiness 機制(D)使用 XOOOPS 架設機制。
9. ( ) Internet 的 FTP 協定,其預設的通訊埠為何?(A)21(B)80 (C)25 (D)110。
10. ( ) 假如有一個非空樹,其分支度為 5,已知分支度為  $i$  的節點數有  $i$  個,其中  $1 \leq i \leq 5$ ,請問終端節點數總數是多少?(A) 41 個 (B)25 個 (C)10 個 (D)6 個

二、問答題

1. 求出下列的 DFS 與 BFS 結果。(20%)



2. 請問一般 CPU 的指令有那幾類? (20%)

3. 請計算 ADSL 與 Cable Modem 學理上最大上載與下載頻寬為何? (20%)

國立臺中教育大學九十八學年度研究所碩士在職專班招生考試  
英文試題

適用學系：數位內容科技學系碩士在職專班、語文教育學系國民小學教師在職進修教學  
碩士學位班

一、克漏字選擇：(30分，每題2分)

Some people tell tales that articulate their hopes, wishes, and dreams. It is often believed that the legendary figure King Arthur was created for this reason. After the \_\_\_1\_\_\_ of the Rome, the western world entered into a period called by historians "The Dark Age." Civilizations and their achievements were lost to decay. Hardship and poverty were rampant, and everyday life for the average person was, at best, difficult. Under such circumstances, folks longed for order and \_\_\_2\_\_\_. King Arthur was born from this need for hope and inspiration.

According to legend, at the age of fifteen, Arthur succeeded to pull a sword out of a stone where many stronger men had failed. Bearing witness to this miracle, many accepted him as the king. However, a number of nobles refused to accept a fifteen-year-old young \_\_\_3\_\_\_ as their rightful king; Arthur therefore had to prove his worth, and defend his standing as king. His brave deeds won him a lot of battles, and respect. He drove the Saxons, who had been \_\_\_4\_\_\_ Britain for years, out of his territory. He even defeated the powerful Roman empire. During his continued quest to further secure his kingdom, many noblemen became loyal to Arthur and expressed their wish to become his knights.

In one of Arthur's victories, he assisted another king in defending his people from invading Irish forces. As a reward, Arthur was offered a large and \_\_\_5\_\_\_ round oak table. The table could seat two hundred and fifty knights. This table is of course none other than the famous Round Table. Arthur's knights were known to be \_\_\_6\_\_\_ and unselfish, and renowned for helping the weak. King Arthur was the center of that world. By his valor, his \_\_\_7\_\_\_, and his high purpose, he created an \_\_\_8\_\_\_ of knights who shared his strong sense of justice. Together, Arthur and his knights created and secured a better world for their people, which was ultimately what those living in the Dark Age were all wishing for.

1. A. fall B. fallen C. feel D. felt
2. A. stable B. stabilize C. stabilizer D. stability

3. A. lad B. lads C. lass D. lasses
4. A. invade B. invaded C. invader D. invading
5. A. dull B. blunt C. awkward D. prominent
6. A. mean B. noisy C. humble D. snobbish
7. A. strong B. strength C. strengthen D. strenuous
8. A. assemble B. assembly C. assembled D. assemblage

Regardless of the fact that there is widespread controversy regarding the works of the Brothers Grimm, it is still important to recognize the contributions that these two brothers have made to the literary world, especially where fairy tales are concerned. Many now believe that the Grimms traveled the countryside, 9 stories that they heard from peasants. Certain scholars, however, claim that it is more likely that the brothers invited friends and 10 to their homes, noting the stories that they heard during such occasions and that these are the stories that inspired the tales that would later appear in the famous *Children's and Household Tales*.

Furthermore, some critics pointed out that the Grimms' tales were sexist and full of 11. Snow White, for example, despite her royal status, was 12 to be a good housekeeper, while the prince and even the seven little dwarfs were shown to be free-roaming, adventurous, and well-served. Despite these and numerous other 13 about the Grimms' works, it would be unwise to ignore the fact that these authors made large contributions to the world of fairy tales which helped 14 the reading experiences of millions of readers. Ultimately, the Brothers Grimm led the way in creating an ideal 15 for literary fairy tale.

9. A. recording B. recoiling C. rejoining D. reckoning
10. A. acquaint B. acrobats C. acquiesce D. acquaintances
11. A. stereotype B. stereotyped C. stereotypy D. stereotypes
12. A. portray B. portrayed C. portrayal D. portraying
13. A. critics B. criticism C. criticizes D. critiques
14. A. rich B. enrich C. enriched D. enriching
15. A. formula B. formulate C. formulary D. formulism

## 二、中翻英：(30分，每題15分)

1. 學英文已好幾年了，常會不自覺的冒出中文式英文。不過還是要勇於嘗試，畢竟語言是用來與人溝通的。多學一種語言，就多一雙眼睛看世界！

2. 電腦是有用的工具。大部份的人都會用電腦。會用電腦固然很好，但是人不應該過份依賴電腦，因為電腦並不能幫人解決所有的問題。善用自己的智慧才是最重要的。

三、英翻中：(40分，每題20分)

1. The central premise of the reading process is that the literary work exists in the transaction between a reader and a text. The active participatory role of readers encompasses—in conjunction with comprehension—discovering meaning, responding emotionally, developing interpretation. Readers are not passive spectators of the text but are active performers with the text.
2. Inherent within the human spirit is the desire for fulfillment, a longing to carry out our creative aspirations by reaching new heights of accomplishment. Yet often the yearning can be suppressed by fear. Perhaps we aren't feeling good enough, smart enough or able enough to pursue and fulfill our dreams. To bring our dreams into actuality, we need to step outside of our comfort zone and begin living them.