

大同大學 九十二 學年度 轉學考試 試題

考試科目：英文

第 1 頁，共 2 頁

註：本次考試不可以參考自己的書籍及筆記； 不可以使用字典； 不可以使用計算器。

(答案請寫在答案卷上並註明題號)

I. Read the passage and give the function of the underlined clauses by writing 名詞子句 if the clause is a noun clause, 形容詞子句 if the clause is an adjective clause, 副詞子句 if the clause is an adverb clause in the space. 24%

Alexander Graham Bell, who was a teacher of the deaf in Boston (1.), invented the first telephone. One day in 1875, while he was running a test on his latest attempt to create a machine that could carry voices (2.), he accidentally spilled acid on his coat. Naturally, he called for his assistant, Thomas A. Watson, who was in another room (3.). Bell said, "Mr. Watson, come here. I want you." When Watson heard words coming from the machine (4.), he immediately realized that their experiments had at last been successful (5.). He rushed excitedly into the other room to tell Bell that he had heard his words over the machine (6.).

After bell had successfully tested the new apparatus again and again (7.), he confidently announced his invention to the world. For the most part, scientists appreciated his accomplishment, but the general public did not understand the revolutionary nature of Bell's invention. Because they believed the telephone was a toy with little practical application (8.), most people paid little attention to Bell's announcement.

II. Translate the following English sentences into Chinese. 28%

1. My husband and I are facing a dilemma, namely the issue of whether to have a second child.
2. Both of us have demanding jobs, and limited time and financial resources.
3. What are the pros and cons of having a second child?
4. This is one of the most difficulty issues that parents nowadays face.
5. A concern that is often heard with regard to single children is whether one child necessarily means a lonely child.
6. Many single-child parents feel a stigma associated with their decision to have only one child.
7. There are no other children in the family for the child to associate with, and this may lead to the child feeling lonely at times, especially during vacations.

III. Sentence Completion. 20%

1. It's a miracle that the driver, _____ was severely injured in the accident, is still alive.
(a) that (b) whom (c) who (d) what
2. The resort _____ Peter spent his holiday last year has become a popular vacation spot.
(a) when (b) which (c) where (d) what
3. Birds make nests in trees _____ hide their young in the leaves and branches.
(a) can where they (b) where they can (c) where can they (d) where it can
4. Sleeping, resting, and _____ are the best ways to care for a cold.
(a) to drink fluids (b) drank fluids (c) one drink fluids (d) drinking fluids
5. He spent ten hours _____ his homework assignment yesterday.
(a) do (b) to do (c) doing (d) on doing

<背面繼續>

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第 2 頁，共 2 頁

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IV. Reading Comprehension. 28%.

(1) As computers have become powerful tools for the rapid and economic production of pictures, computer graphics has emerged as one of the most rapidly growing fields in computer science. It is used routinely in such diverse areas as business, industry, art, government, education, research, training, and medicine.

(4) One of the initial uses of computer graphics, and ultimately its greatest uses, has been as an aid to design, generally referred to as computer-aided design (CAD). One of its greatest advantages is that designers can see how an object will look after construction and make changes freely and much more quickly than with hand drafting. For three-dimensional rendering of machine parts, engineers now rely heavily on CAD. Automobile, spacecraft, aerospace, and ship designers use CAD techniques to designers to design vehicles and test their performance. Building designers are also created with computer graphics systems. Architects can design a building layout, create a three-dimensional model, and even go for a simulated "walk" through the rooms or around the outside of the building.

(11) Business graphics is another rapidly growing area of computer graphics, where it is used to create graphs, charts, and cost models to summarize financial, statistical, mathematical, scientific, and economic data. As an educational aid, computer graphics can be used to create weather maps and cartographic materials. Computer art also has creative and commercial art applications, where it is used in advertising, publishing, and film productions, particularly for computer animation, which is achieved by a sequential process.

___ 1. What does the passage mainly discuss?

- (a) Routine uses of computers (b) Computer graphics applications
(c) The rapidly growing of computer science (d) Computer as the architects of the future

___ 2. The word "it" in line 2 refers to

- (a) computer graphics (b) computer science (c) fields (d) computers

___ 3. The paragraph following this passage would most likely be about

- (a) computer animation (b) flight training (c) cost models (d) applications of CAD in medicine

___ 4. According to the passage, architects use CAD

- (a) inspect building (b) create graphs
(c) make cartographic materials (d) create three-dimensional models

___ 5. Where in the passage does the author discuss the greatest advantage of computer-aided design?

- (a) Lines 1-2 (b) Lines 5-6 (c) Lines 11-12 (d) Lines 14-15

___ 6. According to the passage, engineers use CAD for

- (a) a simulated "walk" through model rooms. (b) rendering machine parts
(c) making cost models (d) advertising

___ 7. The word "applications" in line 19 mean

- (a) jobs (b) uses (c) creativity (d) layers