

# 铜陵电大

试卷代号:2241

座位号

中央广播电视大学 2008—2009 学年度第一学期“开放专科”期末考试

## 计算机专业英语 试题

2009 年 1 月

题号	I	II	III	总分
分数				

得分	评卷人

### I. Vocabulary(词汇,30分)

(一) Translate the following words and expressions into Chinese(写出下列词组的汉语。

共 10 分,每题 1 分)

1. central processing unit(CPU) \_\_\_\_\_

2. operating system \_\_\_\_\_

3. white box testing \_\_\_\_\_

4. management information system \_\_\_\_\_

5. electronic commerce \_\_\_\_\_

6. database \_\_\_\_\_

7. software crisis \_\_\_\_\_

8. random access memory(RAM) \_\_\_\_\_

9. requirements analysis \_\_\_\_\_

10. multimedia \_\_\_\_\_

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(二) Fill in the blanks with the corresponding English abbreviations. (根据汉语写出相应的英语缩写。共 10 分, 每题 1 分)

1. 只读存储器 \_\_\_\_\_
2. 数字视频光盘 \_\_\_\_\_
3. 单文档界面 \_\_\_\_\_
4. 文件传送[输]协议 \_\_\_\_\_
5. 通用串行总线 \_\_\_\_\_
6. 面向对象分析 \_\_\_\_\_
7. 开放系统互连 \_\_\_\_\_
8. 结构化查询语言 \_\_\_\_\_
9. 数据库管理系统 \_\_\_\_\_
10. 企业之间的电子商务交易方式 \_\_\_\_\_

(三) Match the following words and expressions in the left column with those similar in meaning in the right column. (将左列的词汇与右列相应的汉语匹配。10 分, 每空 1 分)

- |                           |     |         |
|---------------------------|-----|---------|
| 1. IP                     | ( ) | a. 交换机  |
| 2. machine language       | ( ) | b. 网际协议 |
| 3. project window         | ( ) | c. 机器语言 |
| 4. electronic spreadsheet | ( ) | d. 编译程序 |
| 5. multimedia             | ( ) | e. 工程窗口 |
| 6. WWW                    | ( ) | f. 系统软件 |
| 7. hacker                 | ( ) | g. 电子表格 |
| 8. compile the program    | ( ) | h. 多媒体  |
| 9. system software        | ( ) | i. 万维网  |
| 10. switch                | ( ) | j. 黑客   |

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得分	评卷人

## II. Comprehension(阅读理解,40分)

(一) Fill in the blanks with suitable words or expressions from the list given below, and change the form where necessary. (从下面方框中选择合适的词或表达,以其适当的形式填空。15分,每空3分)

complex	arithmetic/logic unit(ALU)	add
control unit	heart	

The central processing unit (CPU) is the \_\_\_\_\_ of the computer systems. It is the most \_\_\_\_\_ computer system component, responsible for directing most of the computer system activities based on the instructions provided. The CPU comprises the \_\_\_\_\_ and the \_\_\_\_\_. The control unit is responsible for directing and coordinating most of the computer systems activities. The ALU performs all the arithmetic and logical (comparison) functions — that is, it \_\_\_\_\_, subtracts, multiplies, divides, and does comparisons.

### Passage A

Personal computer software is based on specific operating systems and machines. The famous PC operating systems are DOS, Windows, OS/2, Unix, Linux, Mac OS.

DOS (Disk Operating System) was the most popular operating system for IBM and IBM-compatible 16 bit personal computers. DOS is no longer widely used because it has a number of limitations.

Microsoft built Windows as an extension of the widely installed DOS operating system. Windows provides not only a graphical user interface (GUI), but also memory management and multitasking capabilities.

Unix is an interactive, multi-user, multitasking operating system that is highly supportive of communications and networking. At present, Unix is primarily used for workstations, minicomputers, and server computers in multi-user environments.

Linux is the free Unix. It has all of the features you would expect of a modern, fully fledged Unix: true multitasking, virtual memory, shared libraries, demand loading, shared,

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proper memory management and TCP/IP networking.

Mac OS (Machintosh Operating System) supports multitasking and networking and has a highly praised graphical user interface. Multimedia capabilities of this operating system allow Macintosh users to integrate video clip, stereo sound, and animated sequences with conventional text and graphics software.

(二) Tell whether the following statements are true(T) or false(F) according to the passage

A. (根据上文的内容判断下列句子的正误。15分,每题3分)

1. Personal computer software is dependent on specific operating systems and machines. ( )
2. DOS can only work with 32-bit microprocessor. ( )
3. Windows is the 32-bit operating system with networking capability and Internet access. ( )
4. Unix is an interactive, multi-user, multitasking operating system. ( )
5. The Linux operating system is free. It is the modified version of Unix running on PCs. ( )

## Passage B

A computer virus is a computer program that is created to make and spread copies of itself. The program may however also be designed to have other effects on the systems it infects, ranging from the annoying to the disastrous.

Virus attacks are growing rapidly these days. According to BusinessWeek, the 76,404 attacks reported in the first half of 2003 nearly match previous year's total number. As new antivirus tools are more powerful than before, the virus writers are getting a lot smarter with newer and creative ways to attack network systems. Let's first examine some common virus types:

**Basic Virus** — a piece of software code that is developed to attack computers and network systems via email or Internet connections. It quickly replicates itself and gradually attaches to files, programs or the hard drive.

**Trojan Horses** — This is a program that doesn't replicate when entering a system but can be effectively used to open 'back doors.' Trojan Horses allow hackers to take control over a particular system or to steal very important data.

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Worm — this type of virus is able to spread itself automatically over the network from one computer to the next. During a worm attack, users' computers get infected without even having to click open email attachment or any program, etc.

Since it is very difficult to avoid the virus, your best defense is a powerful antivirus program. In order to fight with such viruses, the software vendors should focus on making their products more robust. This may ask for a trade-off between user — friendliness and security. In specific cases it may require line-by-line inspection, code retooling and even systems automation to defend the installed programs.

(三) choose the best answer according to the passage B. (根据上文的内容选择正确的答案。10分,每题2分)

1. A computer virus is a computer program that is created to make and spread \_\_\_\_\_ of itself.  
A. programs  
B. virus  
C. copies  
D. files
2. Worm spread itself except by \_\_\_\_\_.  
A. network  
B. E-mail  
C. program  
D. hardware
3. Antivirus program can scan and \_\_\_\_\_ virus.  
A. clean  
B. produce  
C. replicate  
D. make
4. Trojan Horses \_\_\_\_\_.  
A. quickly replicate itself and gradually attache to files, programs or the hard drive.  
B. infect the computer without even having to click open email attachment or any program.  
C. allow hackers to take control over a particular system or to steal very important data.  
D. avoid the virus to attack computer.
5. According to BusinessWeek, the \_\_\_\_\_ attacks reported in the first half of 2003 nearly match previous year's total number .  
A. 86,404  
B. 76,404  
C. 56,354  
D. 34,876

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得 分	评卷人

## III. Translation. (翻译, 30分)

(一) Translate the following sentences into Chinese. (将下列句子翻译成汉语。共 20 分, 每题 5 分)

1. Over the last few decades there has been a tremendous growth in information technology and its impact on everyday life. Complex software systems have become critical to the operation of many systems in many areas.

2. SQL Server is designed to allow thousands of users to access the database at the same time and is a true client/server database system.

3. For developing a software product, the development process is divided into 5 stages: Requirements Analysis & Specification, Design, Coding, Testing, and Maintenance.

4. There are several applications called Web browsers that make it easy to access the World Wide Web, two of the most popular being Netscape Navigator and Microsoft's Internet Explorer.

(二) Translate the following paragraph into Chinese. (将下段文章翻译成汉语。10分)

A high-level language is an artificial language with which we can write various instructions. This is possible not because computer processors are now so technologically advanced that they can 'understand' these languages. You should translate from programming languages into machine language which can be understood by the computer processors. Compilers can accomplish this task. This does mean that a high-level language program is not directly executable; it must be compiled to produce processor program, which is executable.

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中央广播电视大学 2008—2009 学年度第一学期“开放专科”期末考试

## 计算机专业英语 试题答案及评分标准

(供参考)

2009 年 1 月

### I. Vocabulary(词汇,30 分)

(一) Translate the following words and expressions into Chinese(写出下列词组的汉语。共 10 分,每题 1 分)

1. 中央处理器
2. 操作系统
3. 白盒测试
4. 管理信息系统
5. 电子商务
6. 数据库
7. 软件危机
8. 随机存储器
9. 需求分析
10. 多媒体

(二) Fill in the blanks with the corresponding English abbreviations. (根据汉语写出相应的英语缩写。共 10 分,每题 1 分)

- |        |        |        |         |         |
|--------|--------|--------|---------|---------|
| 1. ROM | 2. VCD | 3. SDI | 4. FTP  | 5. USB  |
| 6. OOA | 7. OSI | 8. SQL | 9. DBMS | 10. B2B |

(三) Match the following words and expressions in the left column with those similar in meaning in the right column. (将左列的词汇与右列相应的汉语匹配。10 分,每空 1 分)

- |                 |                  |
|-----------------|------------------|
| 1. <u>  b  </u> | 6. <u>  i  </u>  |
| 2. <u>  c  </u> | 7. <u>  j  </u>  |
| 3. <u>  e  </u> | 8. <u>  d  </u>  |
| 4. <u>  g  </u> | 9. <u>  f  </u>  |
| 5. <u>  h  </u> | 10. <u>  a  </u> |

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## II. Comprehension (阅读理解, 40 分)

(一) Fill in the blanks with suitable words or expressions from the list given below, and change the form where necessary. (从下面方框中选择合适的词或表达, 以其适当的形式填空。

15 分, 每空 3 分)

heart      complex      control unit      arithmetic / logic unit (ALU)      adds

(3 空和 4 空答案可互换)

(二) Tell whether the following statements are true(T) or false(F) according to the passage

A. (根据上文的内容判断下列句子的正误。15 分, 每题 3 分)

1. T      2. F      3. T      4. T      5. T

(三) choose the best answer according to the passage B. (根据上文的内容选择正确的答案。10 分, 每题 2 分)

1. C      2. D      3. A      4. C      5. B

## III. Translation. (翻译, 30 分)

(一) Translate the following sentences into Chinese. (将下列句子翻译成汉语。20 分, 每题 5 分)

1. 在过去的几十年间, 信息技术有了巨大的发展, 并且影响着我们每天的生活。复杂的软件系统已经成为许多领域的关键。

2. SQL 服务器用于允许成前上万的客户同时访问数据库, 是一个真正的客户端/服务器端的数据库系统。

3. 开发一个软件产品, 开发过程分为五个步骤: 需求分析和说明, 设计, 写代码, 测试和维护。

4. 一些被称为网络浏览器的应用软件使访问万维网变的方便, 其中较流行的两种是 Netscape Navigator 和 Microsoft's Internet Explorer.

(二) Translate the following paragraph into Chinese. (将下段文章翻译成汉语。10 分)

高级语言是一种人造语言, 使用它我们可以写不同的指令。这成为可能不是因为计算机处理器如今是如此的先进以至于它们可以理解这些语言。你需要将这些语言翻译成计算机处理器能够理解的机器语言。编译器能够完成这项工作。这就意味着高级语言程序不是直接可执行的: 它必须被编译生成处理器程序, 这些程序是可执行的。