

东南大学考试卷 (A 卷)

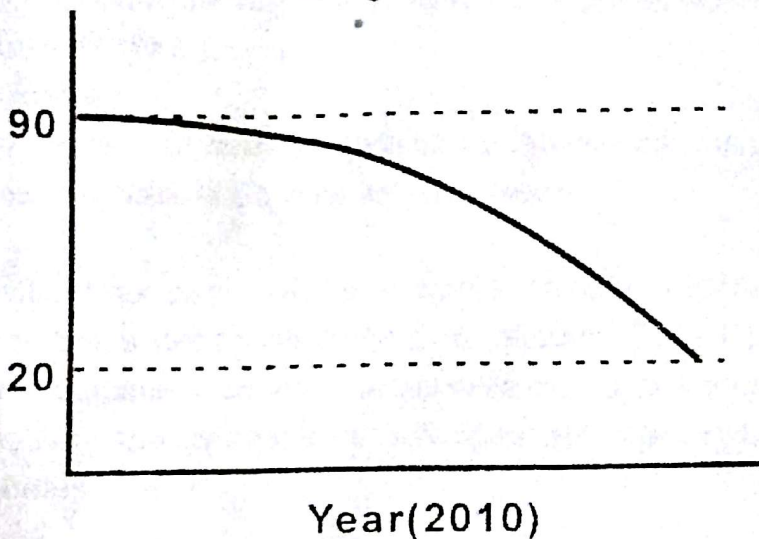
课程名称 研究生学位英语 考试学期 13-14-春 得分 _____
适用专业 _____ 考试形式 闭卷 考试时间长度 120 分钟

Attention: All your answers should be written on Answer Sheet.

I. Multiple choices. (1'*5=5')

Directions: *There are 5 questions in this part. For each question there are four choices marked A, B, C and D. Choose the ONE answer that best completes the sentence.*

1. The line chart shows the sales of our products in Year 2010. Which statement best describes the sale change over 2010?



- A. Sales of our products had been on a sharp decline over the year, dropping from 90 units at the beginning of the year to 20 units at the close.
- B. Sales of our products had been on a steady decline over the year, dropping from 90 units at the beginning of the year to 20 units at the close.
- C. Sales of our products had been on a steady increase over the year, rising from 20 units at the beginning of the year to 90 units at the close.
- D. There was a sudden fluctuation in the sales of our products over the year, rising from 20 units at the beginning of the year to 90 units at the close.

2. The authors often use some adjectives to attract readers' attention when reporting the results of their experiments. Which of the underlined adjectives is NOT to highlight the significant data?

- A. Table 5 is quite revealing in several ways.
- B. As Table 2.1 shows, there was no obvious difference between the experimental group and the control group.
- C. What is interesting in this data is that
- D. The overall response to this interview was very positive.

3. Choosing a suitable chart is important in reporting the results of your research. Which chart is most suitable when you intend to indicate the proportion of your expenditure on transportation, food, entertainment, and clothing respectively to your total monthly cost?

- A. bar chart
- B. line chart
- C. pie chart
- D. table

4. Which of the following statements about a CONCLUSION section is NOT true?

- A. It reaffirms the thesis statement.
- B. It gives recommendations for further research.
- C. It accumulates new evidence for the thesis.
- D. It includes the implications of the discussion.

5. Describing graphs involves the following steps EXCEPT

- A. Commenting on the exceptional findings.
- B. Introducing the graphic information briefly.
- C. Describing the relevant and significant data.
- D. Summarizing the statistical information.

II. Rearrangement. (1'*6=6')

Directions: Read the following jumbled conclusion from a thesis in Computer Science and Engineering. The topic is: The Steiner Tree Problem. Please rearrange the following sentences so that they make more sense and follow the logical order of a conclusion.

- A. An advantage of this algorithm is that the computations of the bead's movement can be done in parallel, provided that there is a synchronization barrier to update their new positions.
- B. This can take advantage of some parallel computers, for example, mapping each bead to a (virtual) processor.
- C. It is possible that these techniques can also be applied to solve the SMT if a good mapping of the problem to an appropriate network architecture is found.
- D. The Steiner tree has been shown to be an optimization problem. Neural network has been successfully applied to solve many optimization problems, for example, TSP. Some of these techniques have been discussed. This could be an interesting area for research in the future.
- E. The Steiner minimal tree problem has been studied in the above discussion. A node-splitting algorithm that finds a good heuristic solution to the problem has been developed. In some cases, it is better, for instance, than Korhonen's algorithm.
- F. Comparison shows that the node-splitting method is comparable to other heuristic methods.

Correct order: _____

III. Matching. (1*11=11')

A: Directions: Match each definition below with one of the given terms. (1*6=6')

- | | | |
|---------------|---------------------|----------------------------|
| A. Contents | B. Introduction | C. Methodology |
| D. Case Study | E. Discussion | F. Findings |
| G. Conclusion | H. Acknowledgements | I. Bibliography/References |

1. Section where various people who assisted the writer are thanked
2. Section reaffirming the thesis statement, discussing the issues, and reaching a final judgment
3. List of all the books that the writer has consulted
4. Section looking at a particular example relevant to the main topic
5. Section analyzing the research findings presented in the results section
6. Section describing the materials and procedures

1. _____ 2. _____ 3. _____ 4. _____ 5. _____ 6. _____

B: Directions: Match the following 5 paragraphs with the main function they perform. (1*5=5')

Dear Editor,

1. We submit our manuscript entitled "Shared care for patients with Type 1 diabetes:" to Progress in Natural Science for publication.

2. We trust our paper will be of interest to your readers as it reports the results of a care scheme that shares responsibility for diabetes Type 1 care between general practice and hospital outpatient clinics. The scheme meets the need for an organizational model that addresses capacity problems in hospital outpatient clinics caused by the rising incidence of diabetes.

3. The present study is the first to report an evaluation of a shared care scheme for diabetics in Denmark. It is also, to our knowledge, the first report of a study where general practitioners participating in the shared care group have been unselected. This has become possible because the study comprised all general practitioners within the same country.

4. We found that diabetics in the shared care scheme matched the control groups in terms of ... We conclude that shared care for diabetes is as effective as conventional care, and that shared care makes the most effective use of specialist time by moving routine consultations to primary care.

5. We would like to suggest Dr. XXX, the editor of XXX, Prof. XXX in New York University to review this manuscript.

The main function:

- A. the connection between the paper and the journal
- B. the creativity of the paper
- C. the general information of the paper and cover letter purpose

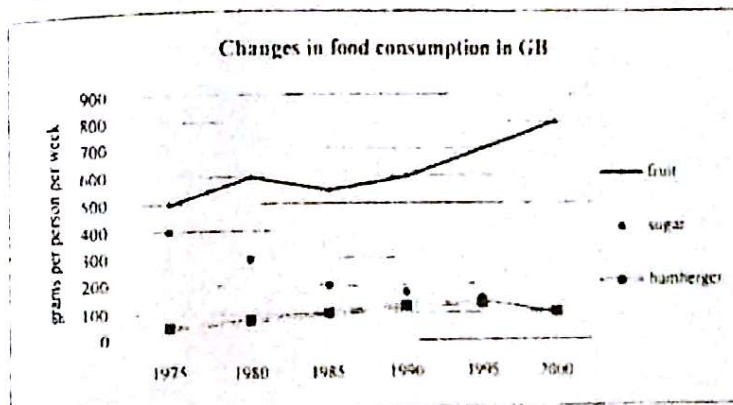
- D. the preferable referees
E. the significance of the paper

1. _____ 2. _____ 3. _____ 4. _____ 5. _____

IV. Blank filling. (1'13=13')

A: Directions: Choose the proper words from the table below to fill in the blanks in the paragraph describing the data presented in the chart. Change the form if necessary. (1'6=6')

compare	contrast	relative	apparent	fluctuate
maintain	upward	downward	moderate	minimal



According to the chart, the fruit consumption has experienced a slight 1 over the first decade between 1975 and 1985. Since then, it grew in a straight line. In 2, the trend of sugar consumption was 3 by varying degree. From 1975 to 1985, the sugar consumption's drop trend was very obvious. Then in the following fifteen years, the consumption of it was 4 steady. In terms of hamburger consumption trend, that is more 5. Over twenty-five years, it just changed from 50 to 100, nearly 6 the same level at about 100.

1. _____ 2. _____ 3. _____
4. _____ 5. _____ 6. _____

B: Directions: Replace the underlined parts in the following sentences with more acceptable words from the box. Change the form if necessary. (1'7=7')

diffuse	absorption	push	compare
obtain	transport	hydrate	consist of
eliminate	observe	amplify	provide

- A reservoir is built higher than the town to which it sends the water, so that gravity gives the pressure which carries the water through the pipes to houses.
- People get natural rubber from rubber trees as a white milky liquid, which is known as latex.
- By experiment it was discovered that it is made of two important gases and very amounts of others.
- The body then gets rid of this carbon dioxide by exhaling.
- The moon can be said to be like a large mirror which reflects the sun's light to the earth.

6. The molecules of a substance are in continual motion. They try to spread out.

1. _____ 2. _____
3. _____ 4. _____ 5. _____ 6. _____

V. Translation. (2'*5=10')

Directions: *Complete the following paragraph by translating Chinese into English.*

A group of MBA students from a major metropolitan state university were recruited as participants for the investigation. (1) (问卷调查和采访实施) after the topic of the BSC had been discussed in the course. 136 students enrolled in a managerial accounting course completed this survey. (2) (表 2 给出了这些参与者的背景信息). As is shown, the majority of participants are male. (3) (参与者的平均年龄约 29 岁), (4) (平均工作经历约 6 年), and the mean number of accounting classes was approximately four. Two major research strategies were used: (5) (定量和定性分析).

- 1) _____
2) _____
3) _____
4) _____
5) _____

VI. Choose five more academic expressions from the following eight statements. (1'*5=5')

1. Personally I believe that the environment is an important topic. So scientists and researchers spend a lot of time talking about it and how to protect it.
 2. The environmental protection is synonymous with the development of new technology.
 3. The reagents hastened the chemical reaction.
 4. There isn't any question that cell phones have changed our lives in a very big way.
 5. Finding a job is never easy, but it can be especially hard when the economy is still feeling the effects of a recession and employers are reluctant to hire new workers.
 6. Coconut oil has been unjustly criticized as an artery-clogging saturated fat for the past three decades.
 7. A study of the communication styles of first-year Carolina women revealed frequent use of non-verbal cues.
 8. This study of medieval village life reveals that social class tended to be clearly defined.
- _____

VII. ABSTRACT WRITING (50')

Directions: *Write an abstract in no more than 200 words based on the gists provided in Chinese.*

背景: 计算机、课堂、广泛应用, 但有效性、进一步认识。

研究目的: 在大学工程研究生教育中, 计算机辅助教学 (computer-assisted instruction) 和传统课堂教学有效性比较。

研究方法: 参加研究人数描述, 采样办法, 分组情况。1 学期教学比较, 传统课堂方法与计算机辅助教学方法实践。然后, 教学内容测试、学生问卷调查, 收集信息, 学生采访,

计算机软件: SPSS 分析处理。

结果: 相比, 计算机辅助教学有效性: 学生注意力提高、课堂效率提高。

意义: 这一研究推广、益处、计算机辅助教学在应付工科教育面临的诸多挑战中发挥重要作用。