

通用学术英语进阶-北京科技大学-中国大学MOOC慕课答案

Recognizing the purpose in writing

1、填空题: The following verbs are often used to indicate the purpose of a piece of writing. In terms of purpose, academic writing can be categorized into two distinct types: persuasive and informative writing. Decide whether each verb suggests a persuasive or informative purpose. The verb describe suggests a _____ purpose.

参考: 【informative】

2、填空题: The verb analyze suggests a _____ purpose.

参考: 【informative】

3、填空题: The verb compare suggests a _____ purpose.

参考: 【informative##%_YZPRLFH_%##persuasive】

4、填空题: The verb evaluate suggests a _____ purpose.

参考: 【persuasive】

5、填空题: The verb argue suggests a _____ purpose.

参考: 【persuasive】

6、填空题: The verb inform suggests a _____ purpose.

参考: 【informative】

7、填空题: The verb discuss suggests a _____ purpose.

参考: 【persuasive】

8、填空题: The verb explain suggests a _____ purpose.

参考: 【informative】

Steps of the scientific method

1、填空题: The steps of the scientific method are shown below. Rearrange the steps into chronological order. a. Communicate the results b. Test the hypothesis c. Ask a question d. Construct a hypothesis e. Conduct background research f. Draw a conclusion: do the results validate or invalidate the hypothesis? g. Obtain results 按照a-b-c-d-e-f-g的格式填写, 字母和连字符之间不空格。

参考: 【c-e-d-b-g-a-f】

Understanding the scientific hypothesis

1、填空题: Read the following hypotheses. Some are written in theif... thenform, whereas others are written as a null hypothesis (no relationship between two measured phenomena). Decide which form each hypothesis takes.(答案填大写字母) A. If...then B. Null If a person is bilingual, then that person is likely to have a higher income than a monolingual person.

参考: 【A】

2、填空题: If a person spends more than 3 hours a day on a mobile phone, then that person is likely to sleep less than 8 hours each night.

参考: 【A】

3、填空题: The number of emails a person sends is not related to that person's income.

参考: 【B】

4、填空题: Income is not related to money spent on a mobile phone.

参考: 【B】

5、填空题: The number of languages spoken by a person is not related to a person's nationality.

参考: 【B】

Identifying literature gaps

1、填空题: Mobile phone sensing is a relatively new topic that requires further academic research. Below are extracts from several academic articles discussing mobile phone sensing. Read the extracts and write down the number of the sentence or sentences that indicate the literature gaps identified by the authors that require further research. (答案写句子编号, 若有多个选择, 编号间空格)
TEXT 1 1. Most examples of community sensing only become useful once they have a large number of people participating; for example, tracking the spread of disease across a city, the migration patterns of birds, congestion patterns across city roads[5], or a noise map of a city[24]. 2. These applications represent large-scale data collection, analysis, and sharing for the good of the community. 3. To achieve scale implicitly requires the cooperation of strangers who will not trust each other. 4. This increases the need for community sensing systems with strong privacy protection and low commitment levels from users. Source: Lane, N. D., Miluzzo, E., Lu, H., Peebles, D., Choudhury, T. Campbell, A. T. (2010). A survey of mobile phone sensing. IEEE Communications Magazine, 48 (9): 40-150.

参考: 【4】

2、填空题: TEXT 21. Even though they possess much more computing, bandwidth, and energy resources than mote-class sensors, mobile devices nevertheless face resource limitations. 2. Resource constraints in traditional sensor networks have been well studied. 3. However, MCS applications introduce new aspects in this regard. 4. First, the set of devices that are collecting sensor data are highly dynamic in availability and capabilities. 5. Due to this highly dynamic nature, modeling and predicting the energy, bandwidth requirements to accomplish a particular task is harder than traditional sensor networks. 6. Second, when there are a large number of available devices with diverse sensing capabilities, identifying and scheduling sensing and communication tasks among them under resource constraints is more complex. Source: Ganti, R. K., Ye, F. Lei, H. (2011). Mobile crowdsensing: Current state and future challenges. IEEE Communications Magazine, 49 (11): 32-39.

参考: 【3 4 5 6###%_YZPRLFH_%###4 5 6###%_YZPRLFH_%###5 6】

3、填空题: TEXT 31. An important aspect of MCS [mobile crowdsensing] applications is that they potentially collect sensitive sensor data pertaining to individuals. 2. For example, GPS sensor readings can be utilized to infer private information about the individual, such as the routes they take during their daily commutes, home, and work locations[9]. 3. On the other hand, these GPS sensor measurements (from daily commutes) shared within a larger community can be used to obtain traffic congestion levels in a given city[4]. 4. Thus, it is important to preserve the security and privacy of an individual, but at the same time enable MCS applications. 5. It is also necessary to ensure that an individual's sensor data is not revealed to untrustworthy third parties. 6. A problem that arises from the opt-in nature of crowdsensing applications is when malicious individuals contribute erroneous sensor data (e.g. falsified GPS readings), maintaining the integrity of sensor data collected is an important problem. Source: Ganti, R. K., Ye, F. Lei, H. (2011). Mobile crowdsensing: Current state and future challenges. IEEE Communications Magazine, 49 (11): 32-39.

参考: 【6###%_YZPRLFH_%###4 5 6】

Understanding the main idea

1、填空题: The main idea is often presented at the beginning of a lecture or presentation and restated at the end. Watch Video 1 and identify the main idea and key points of the lecture. Main idea: Americans lack 1. _____ in the 2. _____ Reason 1: lack of 3. _____ and a decline in 4. _____ standards Reason 2: severe 5. _____ pressure Reason 3: an increase in 6. _____

参考: 【trust】

2、填空题: _____

参考: 【press】

3、填空题: _____

参考: 【objectivity】

4、填空题: _____

参考: 【reporting###%_YZPRLFH_%###journalist】

5、填空题: _____

参考: 【financial】

6、填空题: _____

参考: 【bias】

Taking notes of supporting details

1、填空题： Watch Video 2 again, and make notes of the key supporting details for each main point. Main points Notes of supporting details 1. Social media contributes to a rise in 1. _____. 2/3 of 2. _____ are more 3. _____ than those 30 years ago; 30% of photos taken by the millennial are 4. _____; 5. _____ million selfies are uploaded to social media every week. 2. Social media narcissism may be a 6. _____. Seeing the reflection reduces the incidence of 7. _____ on tests; Eyes on honesty box → 8. _____ increased three-fold; College students today are also more assertive, 9. _____ and have more 10. _____.

参考：【narcissism】

2、填空题： _____

参考：【college students】

3、填空题： _____

参考：【narcissistic】

4、填空题： _____

参考：【selfies】

5、填空题： _____

参考：【17##%_YZPRLFH_%##seventeen】

6、填空题： _____

参考：【benefit】

7、填空题： _____

参考：【cheating】

8、填空题： _____

参考：【contributions】

9、填空题： _____

参考：【extroverted】

10、填空题： _____

参考：【self-esteem】

Recognizing the topic of a sentence

1、填空题： The central topic is usually established at the beginning of a sentence, preferably as a subject, in an academic context. Write down the topic in the following sentences. Traditional communication way like written paper is replaced by electronic scanner and other information technology system.

参考：【Traditional communication way##%_YZPRLFH_%##Traditional communication way like written paper】

2、填空题： Electronic scanner and other information technology system replaced traditional communication way like written paper.

参考：【Electronic scanner and other information technology system】

3、填空题： A depiction of the current situation is useful in furthering the understanding of how an organisation operates.

参考：【A depiction of the current situation】

4、填空题： Furthering the understanding of how an organisation operates requires a depiction of the current situation.

参考：【Furthering the understanding of how an organisation operates】

5、填空题： The perceptions currently held by many employees could potentially prove a barrier to the success of this project.

参考：【The perceptions currently held by many employees】

6、填空题： The success of this project could potentially be hindered by the perceptions currently held by many employees.

参考：【The success of this project】

Achieving focus in academic writing

1、填空题： In academic contexts, the new and more important information is usually put at the end of a sentence. Compare the two sentences in each group and analyze which one is better at presenting the new information. (答案填写大写字母) A. Communication consists of transmitting information from one person to another usually via language. B. Transmitting information from one person to another usually via language comprises communication.

参考：【A】

2、填空题： A. Awareness of health inequalities and their causes by doctors can help to target those in need of such services, improve access and ensure equity in delivery of health services. B. Targeting those in need of such services, improving access and ensuring equity in delivery of health services can benefit from awareness of health inequalities and their causes by doctors.

参考：【A】

3、填空题： A. The ‘knowledge economy’ reflects the dominance of dynamic ‘knowledge’ sectors such as finance, computers and software, telecommunications, biotechnology and the communications industries. B. The dominance of dynamic ‘knowledge’ sectors such as finance, computers and software, telecommunications, biotechnology and the communications industries are reflected in the ‘knowledge economy’.

参考：【A】

Writing an introductory paragraph

Self-assessment

1、单选题： Which of the following verbs suggests a persuasive purpose?

选项：

A、 Compare.

B、 Evaluate.

C、 Discuss.

D、 All of the above.

参考：【All of the above.】

2、单选题： Which of the following serves as a good thesis statement?

选项：

A、 The effect of the Internet on society.

B、 The American automobile industry has many problems.

C、 More people are attending community colleges.

D、 Recycling programs, though expensive at first, are ultimately an efficient, cost effective, and environmentally sound means of reducing waste in our environment.

参考：【Recycling programs, though expensive at first, are ultimately an efficient, cost effective, and environmentally sound means of reducing waste in our environment.】

3、单选题： The rise of multinational corporations (跨国公司), global marketing, new communications technologies, and shrinking cultural differences have led to an unparalleled increase in global public relations or PR. Surprisingly, since modern PR was largely an American invention, the U.S. leadership in public relations is being threatened by PR efforts in other countries. Ten years ago, for example, the world’s top five public relations agencies were American-owned. In 1991, only one was. The British in particular are becoming more sophisticated and creative. A recent survey found that more than half of all British companies include PR as part of their corporate (公司的) planning activities, compared to about one-third of U.S. companies. It may not be long before London replaces New York as the capital of PR. Why is America lagging behind in the global PR race? First, Americans as a whole tend to be fairly provincial and take more of an interest in local affairs. Knowledge of world geography, for example, has never been strong in this country. Secondly, Americans lag behind their European and Asian counterparts (相对应的人) in knowing a second language. Less than 5 percent of Burson—Marshall’s U.S. employees know two languages. Ogilvy and Mather has about the same percentage. Conversely, some European firms have half or more of their employees fluent in a second language. Finally, people involved in PR abroad tend to keep a closer eye on international affairs. In the financial PR area, for instance, most Americans read the Wall Street Journal. Overseas, their counterparts read the Journal as well as the Financial Times of London and The Economist, publications not often read in this country. Perhaps the PR industry might take a lesson from Ted Turner of CNN (Cable News Network). Turner recently announced that the word “foreign” would no longer be used on CNN news broadcasts. According to Turner, global communications have made the nations of the world so interdependent that there is no longer any such things as foreign. According to the passage, U.S. leadership in public relations is being threatened because of _____.

选项：

A、 an unparalleled increase in the number of public relations companies

B、 shrinking cultural differences and new communications technologies

- C、 the decreasing number of multinational corporations in the U.S.
- D、 increased efforts of other countries in public relations

参考：【increased efforts of other countries in public relations】

4、 单选题： London could soon replace New York as the center of PR because _____.

选项：

- A、 British companies are more ambitious than U.S. companies
- B、 British companies place more importance on PR than U.S. companies
- C、 British companies are heavily involved in planning activities
- D、 four of the world's top public relations agencies are British-owned

参考：【British companies place more importance on PR than U.S. companies】

5、 单选题： The word “provincial” (Line 1, Para. 3) most probably means “_____”.

选项：

- A、 limited in outlook
- B、 like people from the provinces
- C、 rigid in thinking
- D、 interested in world financial affairs

参考：【limited in outlook】

6、 单选题： We learn from the third paragraph that employees in the American PR industry _____.

选项：

- A、 speak at least one foreign language fluently
- B、 are ignorant about world geography
- C、 are not as sophisticated as their European counterparts
- D、 enjoy reading a great variety of English business publications

参考：【are not as sophisticated as their European counterparts】

7、 单选题： What lesson might the PR industry take from Ted Turner of CNN?

选项：

- A、 American PR companies should be more internationally-minded.
- B、 The American PR industry should develop global communications technologies.
- C、 People working in PR should be more fluent in foreign languages.
- D、 People involved in PR should avoid using the word “foreign”.

参考：【American PR companies should be more internationally-minded.】

8、 单选题： New technology links the world as never before. Our planet has shrunk. It's now a “global village” where countries are only seconds away by fax or phone or satellite link. And, of course, our ability to benefit from this high-tech communications equipment is greatly enhanced by foreign language skills. Deeply involved with this new technology is a breed of modern businesspeople who have a growing respect for the economic value of doing business abroad. In modern markets, success overseas often helps support domestic business efforts. Overseas assignments are becoming increasingly important to advancement within executive ranks. The executive stationed in another country no longer need fear being “out of sight and out of mind.” He or she can be sure that the overseas effort is central to the company's plan for success, and that promotions often follow or accompany an assignment abroad. If an employee can succeed in a difficult assignment overseas, superiors will have greater confidence in his or her ability to cope back in the United States where cross-cultural considerations and foreign language issues are becoming more and more prevalent (普遍的). Thanks to a variety of relatively inexpensive communications devices with business applications, even small businesses in the United States are able to get into international markets. English is still the international language of business. But there is an ever-growing need for people who can speak another language. A second language isn't generally required to get a job in business, but having language skills gives a candidate the edge when other qualifications appear to be equal. The employee posted abroad who speaks the country's principal language has an opportunity to fast-forward certain negotiations, and can have the cultural insight to know when it is better to move more slowly. The employee at the home office who can communicate well with foreign clients over the telephone or by fax machine is an obvious asset to the firm. What is the author's attitude toward high-tech communications equipment?

选项：

- A、 Critical.
- B、 Prejudiced.
- C、 Indifferent.

D、Positive.

参考：【Positive.】

9、单选题：With the increased use of high-tech communications equipment, businesspeople _____.

选项：

- A、have to get familiar with modern technology
- B、are gaining more economic benefits from domestic operations
- C、are attaching more importance to their overseas business
- D、are eager to work overseas

参考：【are attaching more importance to their overseas business】

10、单选题：In this passage, “out of sight and out of mind” (Lines 2-3, Para. 3) probably means _____.

选项：

- A、being unable to think properly for lack of insight
- B、being totally out of touch with business at home
- C、missing opportunities for promotion when abroad
- D、leaving all care and worry behind

参考：【missing opportunities for promotion when abroad】

11、单选题：According to the passage, what is an important consideration of international corporations in employing people today?

选项：

- A、Connections with businesses overseas.
- B、Ability to speak the client’s language.
- C、Technical know-how.
- D、Business experience.

参考：【Ability to speak the client’s language.】

12、单选题：The advantage of employees having foreign language skills is that they can _____.

选项：

- A、better control the whole negotiation process
- B、easily find new approaches to meet market needs
- C、fast-forward their proposals to headquarters
- D、easily make friends with businesspeople abroad

参考：【better control the whole negotiation process】

13、判断题：Most pieces of writing have a thesis, even if it isn't explicitly stated.

选项：

- A、正确
- B、错误

参考：【正确】

14、判断题：A scientific hypothesis is stated at the beginning of a scientific paper and should be answered by the conclusion.

选项：

- A、正确
- B、错误

参考：【正确】

15、填空题：In English sentences the new information is usually introduced at the _____ (beginning/end) of sentences.

参考：【end】

16、填空题：Fill the blank with one of the words given below. Change the form where necessary. coincidence profiles subordinate attempt nomination distinction categorize manipulate inferior maximize The new law makes no _____ between adults and children.

参考：【distinction】

17、填空题: Fill in the blank with one of the words given below. Change the form where necessary. coincidence profile subordinate attempt nomination distinction categorize manipulate inferior maximize It's not a _____ that none of the directors are women.

参考: 【coincidence】

18、填空题: Fill in the blank with one of the words given below. Change the form where necessary. coincidence profile subordinate attempt nomination distinction categorize manipulate inferior maximize He handed the case down to one of his _____ officers.

参考: 【subordinate】

19、填空题: Fill in the blank with one of the words given below. Change the form where necessary. coincidence profile subordinate attempt nomination distinction categorize manipulate inferior maximize Modern music is often considered _____ to that of the past.

参考: 【inferior】

20、填空题: Fill in the blank with one of the words given below. Change the form where necessary. coincidence profile subordinate attempt nomination distinction categorize manipulate inferior maximize He has had nine Oscar _____.

参考: 【nominations】

21、填空题: Fill in the blank with one of the words given below. Change the form where necessary. coincidence profile subordinate attempt nomination distinction categorize manipulate inferior maximize Two factories were closed in an _____ to cut costs.

参考: 【attempt】

22、填空题: Fill in the blank with one of the words given below. Change the form where necessary. coincidence profile subordinate attempt nomination distinction categorize manipulate inferior maximize We first build up a detailed _____ of our customers and their requirements.

参考: 【profile】

23、填空题: Fill in the blank with one of the words given below. Change the form where necessary. coincidence profile subordinate attempt nomination distinction categorize manipulate inferior maximize They did a lot to _____ efficiency.

参考: 【maximize】

24、填空题: Fill in the blank with one of the words given below. Change the form where necessary. coincidence profile subordinate attempt nomination distinction categorize manipulate inferior maximize Participants were _____ according to age.

参考: 【categorized】

25、填空题: Fill in the blank with one of the words given below. Change the form where necessary. coincidence profile subordinate attempt nomination distinction categorize manipulate inferior maximize As a politician, he knows how to _____ public opinion.

参考: 【manipulate】

Detecting mechanisms showing causal relations

1、填空题: A complete causal relation consists of three parts: cause, signal word and effect. Analyze the following cause and effect statement and answer the question. 1. Which part in the following statement is the signal word? A) El Niño events can B) cause far-reaching C) global disruption in the general circulation of the Pacific Ocean and atmosphere.

参考: 【B】

2、填空题: 2. Which part in the following statement is the effect? A) Lack of natural resources is B) one of the results of large C) ecological footprints.

参考: 【A】

3、填空题: 3. Which part in the following statement is the signal word? The A) torrential flood has B) devastated many C) villages.

参考: 【B】

4、填空题: 4. Which part in the following statement is the cause? A) Ray Tomlinson, widely credited as the B) creator of C) email, has died, his employer, Raytheon, told CNN on Sunday.

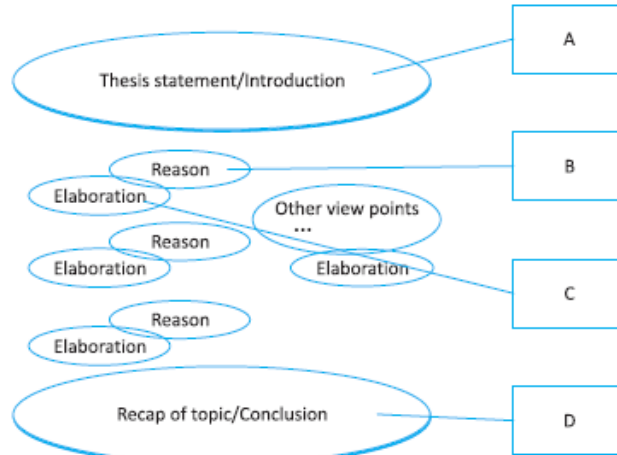
参考: 【A】

5、填空题: 5. Which part in the following statement is the signal word? Still, A) Apple's profits B) obscured the C) fact that its share of the market was falling, despite the technological superiority of its products.

参考: 【B】

Adding informative details to your structured essay

1、单选题: An argumentative paragraph can be compared to a hamburger. The top bun and the bottom bun represent the introduction and conclusion of a writing piece; the reasons given in support of the thesis statements are like the meat and vegetables, offering the major substance of the hamburger, while elaborations are the condiments—the pickles, cheese, ketchup etc. added to its overall taste. Look at the following chart and answer the following question: 1. Where would you put the detailed supporting details to



explain the reasons given?

选项:

A、A

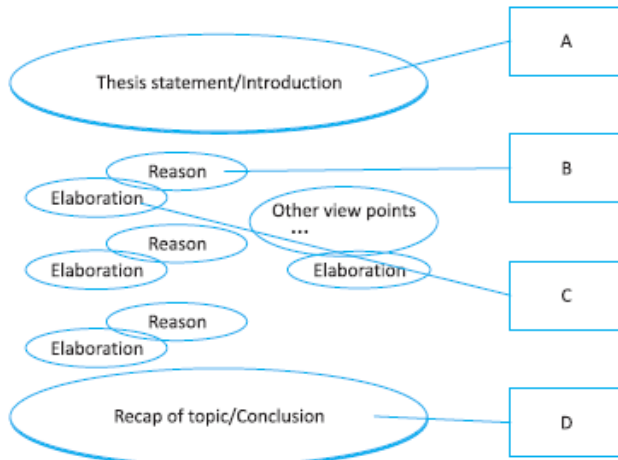
B、B

C、C

D、D

参考: 【C】

2、单选题: 2. Where would you put the findings or facts about the effect you are explaining reasons for?



选项:

A、A

B、B

C、C

D、D

参考: 【A】

Reading for explicit causal relations

1、单选题: The strength of causal connections between two phenomena differs with the modals (e.g. may) or adverbs (possibly) they co-occur. Here are some sentences from the passage. Compare the following words in bold italicized type and decide which one has the greatest causal strength (in other words, the most likely to happen)? 1. When these activities cause problems, they A) can result insignificant financial loss and B) possibly even have macro-economic effects in fragile situations. 2. Software engineering is a

difficult task and errors C) may occur due to any number of causes. 3. Computer software and hardware is responsible for making decisions which D) affect people's lives.

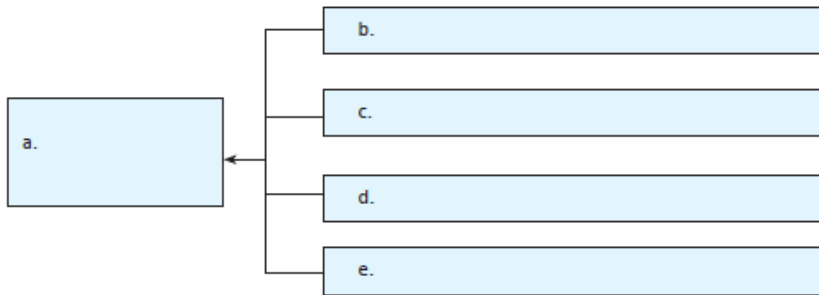
选项:

- A、A
- B、B
- C、C
- D、D

参考: **[D]**

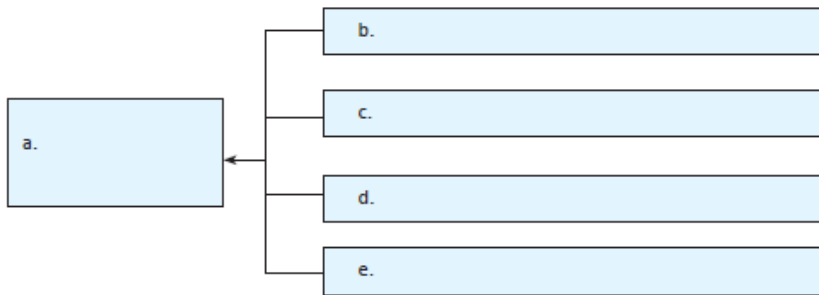
Getting implicit causal relations from logical reasoning

1、填空题: Read Text 3 on Page 40 and construct the causal structure of this paragraph in block forms. The main principle is: the cause leads to effects via implication arrows (read as 'lead to'). The general structure is shown as below. a:



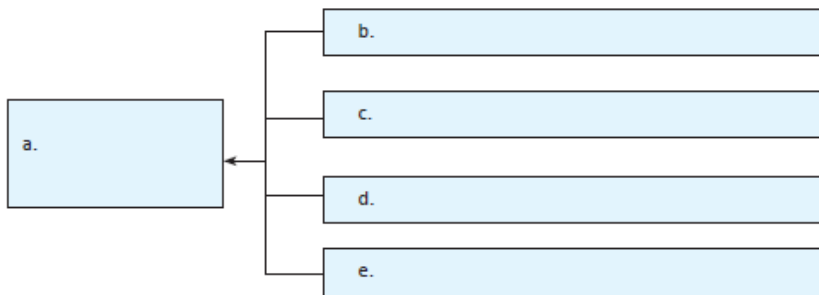
参考: **[Apple's profits obscured the fact that its share of the market was falling.]**

2、填空题: b: _____



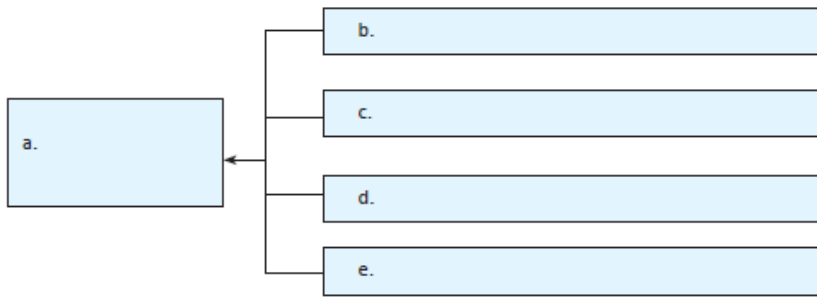
参考: **[The Mac's incompatibility with Apple II software.]**

3、填空题: c: _____



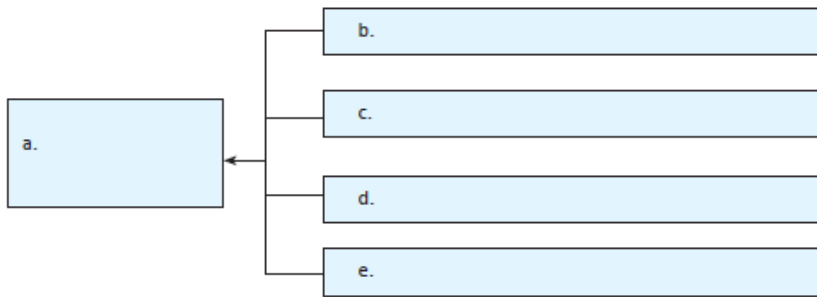
参考: **[The company discouraged game development out of fear that the Mac would not be taken seriously in the business community.]**

4、填空题: d: _____



参考: 【Microsoft introduced Windows, its own graphical operating system.】

5、填空题: e: _____



参考: 【Greater innovation and lower prices and fewer people were willing to pay the premiums that Apple had been able to command owing to its reputation for quality.】

Listening for WHAT

1、填空题: Here is a talk about the new technology IoT (the Internet of Things). The speaker Benson Houglan starts his talk by explaining What is the Internet of Things. Watch Video 1. Fill in the rough notes on the Internet of Things below.①.

IoT = def.	<ul style="list-style-type: none">✓ a ① _____ type of Internet✓ about connecting ② _____✓ It works by adding to the things<ul style="list-style-type: none">➢ such ③ _____ to sense, communicate, touch and control;➢ the ability to ④ _____
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参考: 【new】

IoT = def.	<ul style="list-style-type: none">✓ a ① _____ type of Internet✓ about connecting ② _____✓ It works by adding to the things<ul style="list-style-type: none">➢ such ③ _____ to sense, communicate, touch and control;➢ the ability to ④ _____
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2、填空题: ②. _____

参考: 【things】

IoT = def.	<ul style="list-style-type: none">✓ a ① _____ type of Internet✓ about connecting ② _____✓ It works by adding to the things<ul style="list-style-type: none">➢ such ③ _____ to sense, communicate, touch and control;➢ the ability to ④ _____
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3、填空题: ③. _____

参考: 【abilities】

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