

دفترچه سؤال



بنیاد علمی آموزشی

آزمون « ۱ اردیبهشت ماه ۱۴۰۲ »

دفترچه اختصاصی منحصرأ زبان

زمان پاسخ‌گویی: ۱۰۵ دقیقه

تعداد کل سؤالات: ۷۰

اختصاصی				
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زبان انگلیسی تخصصی	۷۰	۱-۷۰	۱-۸	۱۰۵ دقیقه

بنیاد علمی آموزشی قلم‌چی «وقف عام»

دفتر مرکزی: خیابان انقلاب بین صبا و فلسطین - پلاک ۹۲۳ - تلفن: ۸۴۵۱-۰۲۱

«تمام دارایی‌ها و درآمدهای بنیاد علمی آموزشی قلم‌چی وقف عام است بر گسترش دانش و آموزش»



پدید آورندگان

آزمون منحصرأً زبان

۱ اردیبهشت ماه ۱۴۰۲

طراحان

نام طراحان	نام درس
محمد شمس‌الدینی، محمد طاهری، محسن رحیمی، رحمت‌اله استیری، عادلہ حیدری، عقیل محمدی‌روش، محمد شمس‌الدینی، سعید کاویانی، عبدالرشید شفیعی، جواد مؤمنی	زبان تخصصی

گزینشگران و ویراستاران

نام درس	زبان انگلیسی تخصصی
گزینشگر	رحمت‌الله استیری
مسئول درس	رحمت‌الله استیری
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گروه فنی و تولید

مدیران گروه	محدثه مرآتی
مسئول دفترچه	معصومه شاعری
مستندسازی و مطابقت با مصوبات	مدیر: محیا اصغری مسئول دفترچه: مهریار لسانی
حروف‌نگاری و صفحه‌آرایی	زهرآ تاجیک
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بنیاد علمی آموزشی قلم‌چی «وقف عام»

دفتر مرکزی: خیابان انقلاب بین صبا و فلسطین - پلاک ۹۲۳ - تلفن: ۰۲۱-۶۴۶۳

زبان تخصصی

۱۰۵ دقیقه

هدف‌گذاری قبل از شروع هر درس در دفترچه سؤال

لطفاً قبل از شروع پاسخ‌گویی به سؤال‌های درس منحصراً زبان، هدف‌گذاری چند از ۱۰ خود را بنویسید:
از هر ۱۰ سؤال به چند سؤال می‌توانید پاسخ صحیح بدهید؟
عملکرد شما در آزمون قبل چند از ۱۰ بوده است؟
هدف‌گذاری شما برای آزمون امروز چیست؟

هدف‌گذاری چند از ۱۰ برای آزمون امروز

چند از ۱۰ آزمون قبل

Part A: Grammar

Directions: Questions 1-15 are incomplete sentences. Beneath each sentence you will see four words or phrases marked (1), (2), (3), and (4). Choose the one word or phrase that best completes the sentence. Then mark the correct choice on your answer sheet.

- 1-Yesterday, David told George he was at work ... and suggested they ... in about half an hour.
 - 1) then – meet
 - 2) then – would meet
 - 3) at the moment – meet
 - 4) at the moment – met
- 2-Immediately after the accident, the mayor called the hospital to ask
 - 1) anyone had been killed
 - 2) if anyone had been killed
 - 3) they tell him anyone had been killed
 - 4) from them that anyone is killed or not
- 3-As the young Mexican man was sentenced to life imprisonment, I assume he ... a serious crime.
 - 1) must have committed
 - 2) should have committed
 - 3) must commit
 - 4) should commit
- 4-Mr. Banks believes the organ ... during the 1997 town hall restoration. “But as always we ran out of cash.”
 - 1) should be refurbished
 - 2) must be refurbished
 - 3) should have been refurbished
 - 4) must have been refurbished
- 5-Soil ... by heavy metals, organic chemicals such as pesticides, biological pathogens, and micro particles.
 - 1) can pollute
 - 2) must have been polluted
 - 3) could have polluted
 - 4) may be polluted
- 6-As she’s typing the last page, it ... her much longer to finish the letter which is going to be sent to the boss.
 - 1) shouldn’t have taken
 - 2) may not take
 - 3) shouldn’t take
 - 4) mustn’t have taken
- 7-In the last war, the young children ... to school than sought shelter from bombs.
 - 1) should have gone
 - 2) would rather go
 - 3) would have gone
 - 4) would rather have gone
- 8-The door... open because the thief seems to have entered the house without any difficulty.
 - 1) may be left
 - 2) must have been left
 - 3) should have left
 - 4) must have left
- 9-She ... in a great hurry to leave for the theatre because she left all the dishes on the table.
 - 1) should have been
 - 2) could have been
 - 3) would have been
 - 4) must have been
- 10-They told us that they... for more than two hours in the office to meet professor Krashen.
 - 1) waited
 - 2) had been waiting
 - 3) have been waiting
 - 4) would wait
- 11-He asked me: “Why didn’t you answer when I called you?”
He wanted to know
 - 1) why I didn’t answer when he had called me
 - 2) why you hadn’t answered when he had called you
 - 3) why I hadn’t answered when he called me
 - 4) why I didn’t answer when I had called you
- 12-Alice: My apartment is very noisy. I wish I could move away from here now.
John: Alice told me that she
 - 1) wished she could move away from here now
 - 2) wishes she could have moved from there then
 - 3) wishes she could move from here then
 - 4) wished she could move from there then
- 13-At a preliminary hearing, the judge formally announced that the public trial ... very soon on March 24.
 - 1) had begun
 - 2) would begin
 - 3) has begun
 - 4) to begin
- 14-Political correctness is the principle of avoiding language or behavior that ... offend certain groups of people.
 - 1) must
 - 2) do
 - 3) may
 - 4) should

15- In the business meeting, I met a very old woman who proudly declared that she ... to the Queen.

- 1) had once been introduced
2) would once be introduced
3) was being once introduced
4) had been once introducing

Part B: Vocabulary

Directions: Questions 16-35 are incomplete sentences. Beneath each sentence you will see four words or phrases marked (1), (2), (3), and (4). Choose the one word or phrase that best completes the sentence. Then mark the correct choice on your answer sheet.

16- I'm now going to give you 10 ... tips for running a really successful website. Are you ready?

- 1) invaluable
2) incomprehensible
3) unprofitable
4) unsustainable

17- After visiting the Archaeological Museum in the morning, the Izbuls kindly ... us to lunch at a local Italian restaurant.

- 1) threatened
2) terminated
3) thrilled
4) treated

18- It was a good piece of land, and they became very ... by using it to cultivate the much-needed industrial plants.

- 1) tranquil
2) prosperous
3) hostile
4) miserable

19- Grandma has no authority over the children and lets them do anything they like. They're completely ..., as a result.

- 1) scornful
2) humorous
3) spoilt
4) aggressive

20- You seem to have developed a number of extra-curricular interests which ... you from your studies.

- 1) distract
2) obstruct
3) arrest
4) inhibit

21- We are concerned that the new developments may ... challenges to every aspect of the health-care system.

- 1) pose
2) resolve
3) confine
4) restrain

22- Food is contaminated through poor handling and storage and through lack of personal ... by the people who prepare and serve it.

- 1) glory
2) hygiene
3) detail
4) dedication

23- Fossil fuels are distinguished from renewable ones in the sense that they are ... resources.

- 1) finite
2) doubtful
3) traditional
4) severe

24- He had nothing but admiration for his mother, who made many ... to raise him.

- 1) explorations
2) sacrifices
3) lectures
4) impressions

25- The invention of the microchip ... the development of computers and other digital technology.

- 1) compiled
2) satisfied
3) wandered
4) accelerated

26- Life forms have evolved over millions of years, surviving by ... adapting to environmental changes.

- 1) unfortunately
2) irregularly
3) constantly
4) previously

27- Information about black holes cannot be manipulated by humans. By contrast, a vast ... in the world economy is wholly man-made.

- 1) distortion
2) admission
3) encouragement
4) assertion

28- Their wedding had been ... because the bride's mother had an accident during her voyage to Brazil.

- 1) put off
2) put on
3) held on
4) held off

29- African women cannot climb up the career ladder. This is because they are ... excluded from participating within the public and private sectors.

- 1) traditionally
2) fantastically
3) discriminately
4) primarily

30- Mamaz institution has been managed in an outdated way since 2017. Actually, one thing apparently missing is a ... of originality.

- 1) hint
2) score
3) scheme
4) colony

31- It is difficult to see ... explanations in his essay for the criminal law course, but the professor got the point.

- 1) ritual
2) philosophical
3) scientific
4) coherent

32-The job was boring and he only stayed in that position for six months. To him, the workplace activities had become painfully

- 1) competitive
2) repetitious
3) endless
4) permissive

33-People of the same ... settling in the same neighborhoods are why we have places like Chinatown and Little Italy in New York City.

- 1) diversity
2) conformity
3) ethnicity
4) rigidity

34-Researchers in Italy found that people who have a positive ... of aging are happier than those that have a negative one.

- 1) prohibition
2) recession
3) perception
4) motivation

35-The research they carried out was ... , so by the time the project was complete, they knew everything they had to know about their subject.

- 1) exhaustive
2) revolutionary
3) conceptual
4) radical

Part C: Sentence Structure

Directions: Choose the sentence with the best word order for each of the following series. Then mark the correct choice on your answer sheet.

36-

- 1) Increased wealth and grown sophistication throughout the country resulted to houses of improved design.
2) Wealth increased and sophistication grew throughout the country resulted in houses for improved design.
3) Wealth increasing and sophistication growing throughout the country resulted to houses for improved design.
4) Increasing wealth and growing sophistication throughout the country resulted in houses of improved design.

37-

- 1) Archaeology has long been an accepted tool for studying prehistoric cultures.
2) Archaeology has accepted long tool whom study prehistoric cultures.
3) Archaeology has long been an accepted tool which it studies prehistoric cultures.
4) Archaeology has an accepted tool to long studying prehistoric cultures.

38-

- 1) Large animals inhabit the desert have evolved a number of adaptations to reduce the effects of extreme heat.
2) Large animals which inhabit the desert have been evolved a number of adaptations reducing the effects of extreme heat.
3) Large animals inhabiting the desert have been evolved a number of adaptations to reduce the effects of extreme heat.
4) Large animals that inhabit the desert have evolved a number of adaptations for reducing the effects of extreme heat.

39-

- 1) People in the United States in the nineteenth century were haunted by the prospect that unprecedented change in the nation's economy would bring social chaos.
2) In the nineteenth century, people lived in the United States who had haunted by the prospect that unprecedented change in the nation's economy brought social chaos.
3) People living in the United States in the nineteenth century were haunted by the prospect that unprecedented change in the nation's economy were bringing social chaos.
4) People who lived in the United States in the nineteenth century and had haunted by the prospect that unprecedented change in the nation's economy might bring social chaos.

40-

- 1) The most important point is that the sooner I get my qualifications, will I quicker get a job and start to earn.
2) The most important point is that the sooner I get my qualifications, the quicker I'll get a job and start earning.
3) The most important point is that the sooner I get my qualifications, the quicker will I get a job and start to earn.
4) The most important point is that the sooner I get my qualifications, I will quicker get a job and start earning.

When songs have been subjected to these processes their origin is usually impossible to trace. For instance, if a farm laborer is to make up a song and sing it to a couple of friends who like it and memorize it, possibly when the friends come to sing it themselves, one of them might forget some of the words and make up new ones to fill the gap, while the other might add a few decorative touches to the tune and improve a couple of lines of the text. If this happened a few times, there would be many different versions, the song's original composer would be forgotten, and the song would become common property. This constant reshaping and re-creation is the essence of folk music.

Consequently, modern popular songs and other published music, even though widely sung by people who are not professional musicians, are not considered folk music. The music and words have been set by a printed or recorded source, limiting the scope for further artistic creation. These songs' origins cannot be disguised and therefore they belong primarily to the composer and not to a community.

The ideal situation for the creation of folk music is an isolated rural community. In such a setting, folk songs and dances have a special purpose at every stage of a person's life, from childhood to death. Epic tales of heroic deeds, seasonal songs relating to calendar events, and occupational songs are also likely to be sung.

56-What does the passage mainly discuss?

- 1) Elements that define folk music
- 2) Themes commonly found in folk music
- 3) Influences of folk music on popular music
- 4) The standards of the International Folk Music Council

57-Which of the following statements about the term "folk song" is supported by the passage?

- 1) It has been used for several centuries.
- 2) The International Folk Music Council invented it.
- 3) It is considered to be out-of-date.
- 4) There is disagreement about its meaning.

58-The underlined word "it" refers to

- 1) community
- 2) song
- 3) acceptance
- 4) memory

59-Which of the following is NOT mentioned in the passage as a characteristic of the typical folk song?

- 1) It is constantly changing over time.
- 2) It is passed on to other people by being performed.
- 3) It contains complex musical structures.
- 4) It appeals to many people.

60-According to the passage, why would the original composers of folk songs be forgotten?

- 1) Audiences prefer songs composed by professional musicians.
- 2) Singers dislike the decorative touches in folk song tunes.
- 3) Folk songs are not considered an important form of music.
- 4) Numerous variations of folk songs come to exist at the same time.

PASSAGE 2:

Each day every person throws away more than five pounds of garbage. There is more refuse now than ever before, and most of it is made up of the packages and cans in which we buy our food. The traditional way of getting rid of solid waste—the open dump—is quickly becoming inadequate. Many cities are experimenting with newer ways of handling their growing piles of garbage.

One of these new ways is "recycling." Through recycling, usable materials are taken out of trash and made into something else. These usable parts of trash are put through the cycle of going from a raw material to a finished product again.

In some cities, a machine called "Hydrapulper" is being used to help recycle garbage. A Hydrapulper is like a huge mixing machine. The garbage is dumped onto a conveyor belt that feeds the machine. At the same time, water is pumped into the Hydrapulper (The machine got its name from hydra, which means "water"). With a swirling and mixing action, the Hydrapulper throws out the heavy metal objects that can later be sold as scrap metal. The rest of the rubbish— paper, food, plastic, rubber, glass, wood, and other items—disintegrates or falls apart. The rubbish is then mixed with water and carried in slush to another piece of equipment where glass, sand, and small pieces of metal are spun out.

At the end of the process, combustible organic materials are separated out and put into another vessel. Here they are oxidized as they hit against grains of hot sand being blown around at high speed in the vessel. With the Hydrapulper, up to 95 percent of the original garbage is reclaimed, or oxidized. The oxidized material is incinerator ash.

61-The fact that much of the garbage can be reclaimed is the clear evidence that ...

- 1) a lot of things shouldn't be thrown away
- 2) recycling is a wasteful method of getting rid of garbage
- 3) all the big cities in the country will soon be recycling their trash
- 4) the Hydrapulper is not working properly

- 62-The pronoun “it” in paragraph 1 refers to the
 1) refuse 2) food 3) raw material 4) new product
- 63-The word “inadequate” in paragraph 1 is closest in meaning to
 1) not polluted 2) not sufficient 3) not complex 4) not official
- 64-The Hydrapulper does all of the following EXCEPT
 1) oxidizing material 2) sorting out some materials
 3) making a slushy combination of materials 4) making a new product out of trash
- 65-What is the main purpose of paragraph 3 and 4 in this passage?
 1) To describe how a Hydrapulper works.
 2) To tell what the writer thinks of the idea of getting rid of solid waste.
 3) To explain why dumping grounds are no longer adequate ways to get rid of trash.
 4) To describe an experiment in which a Hydrapulper is used.

PASSAGE 3:

In the early decades of the United States, the agrarian movement promoted the farmer as society’s hero. In the minds of agrarian thinkers and writers, the farmer was a person on whose well-being the health of the new country depended. The period between the Revolution, which ended in 1783, and the Civil War, which ended in 1865, was the age of the farmer in the United States. Agrarian philosophers, represented most eloquently by Thomas Jefferson, celebrated farmers extravagantly for their supposed centrality in a good society, their political virtue, and their superior morality. And virtually all policy makers, whether they subscribed to the tenets of the philosophy held by Jefferson or not, recognized agriculture as the key component of the American economy. Consequently, government at all levels worked to encourage farmers as a social group and agriculture as economic enterprise.

Both the national and state governments developed transportation infrastructure, building canals, roads, bridges, and railroads, deepening harbors, and removing obstructions from navigable streams. The national government imported plant and animal varieties and launched exploring expeditions into prospective farmlands in the West. In addition, government trade policies facilitated the exporting of agricultural products.

For their part, farmers seemed to meet the social expectations agrarian philosophers had for them, as their broader horizons and greater self-respect, both products of the Revolution, were reflected to some degree in their behavior. Farmers seemed to become more scientific, joining agricultural societies and reading the farm newspapers that sprang up throughout the country. They began using improved implements, tried new crops and pure animal breeds, and became more receptive to modern theories of soil improvement.

They also responded to inducements by national and state governments. Farmers streamed to the West, filling frontier lands with stunning rapidity. But they responded less to the expectations of agrarians and government inducements than to growing market opportunities. European demand for food from the United States seemed insatiable. War, industrialization, and urbanization all kept demand high in Europe. United States cities and industries grew as well; even industries not directly related to farming thrived because of the market, money, and labor that agriculture provided.

- 66-What does the passage mainly discuss?
 1) The agrarian philosophy of Thomas Jefferson
 2) The role of the national government in the development of agriculture
 3) Improvements in farming techniques
 4) The impact of the increased importance of the farmer
- 67-The author mentions Thomas Jefferson in paragraph 1 as an example of
 1) a leader during the Revolution
 2) an inventor of new farming techniques
 3) a farmer who guided the agrarian movement toward an emphasis on economic development
 4) a philosopher who believed farmers were essential to the creation of a good society
- 68-The underlined phrase “subscribed to” is closest in meaning to
 1) contributed to 2) agreed with
 3) thought about 4) expanded on
- 69-Which of the following statements is supported by the information in paragraph 1?
 1) All government policy makers accepted Jefferson’s views of agriculture and farmers.
 2) Agricultural production declined between 1783 and 1861.
 3) The majority of farmers worked for the government.
 4) Agriculture was a vital part of the nation’s economy.
- 70-According to the passage, the national and state governments did all of the following EXCEPT
 1) build roads
 2) import new plant varieties
 3) give farmers money for their crops
 4) develop policies that helped farmers export their products

آزمون دانش شناختی ۱ اردیبهشت ۱۴۰۲

دانش آموز عزیز!

اگر در آزمون‌های قبلی به سوالات آمادگی شناختی پاسخ داده‌اید از وضعیت پایه آمادگی شناختی خود بر اساس کارنامه آگاهی دارید. در این آزمون برنامه‌های حمایتی ما برای تقویت سازه‌های شناختی ادامه می‌یابد. این برنامه ارائه راهکارهای هفتگی و پایش مداوم دانش شناختی است. لطفاً برای سنجش آگاهی خود به سوالات پاسخ دهید و برای اطمینان از ماهیت راهبردهای آموزشی مورد سوال، پاسخ نامه‌های تشریحی را مطالعه فرمائید. سوالات از شماره ۲۶۱ شروع می‌شود.

۲۶۱. کدام مورد برای مطالعه متون درسی مفید است؟

۱. سوال از خود در مورد میزان یادگیری
۲. سوال از خود در مورد روش یادگیری
۳. بررسی دلایل اشتباهات و خطاها
۴. همه موارد

۲۶۲. کدام مورد در خصوص بازبینی سوالات آزمون و یا ارزیابی صحیح است؟

۱. موجب آگاهی از نقاط قوت و ضعف می‌شود.
۲. موجب اثربخشی مطالعه بعدی می‌شود.
۳. هیچکدام
۴. هر دو

۲۶۳. کدام مورد در ارزیابی‌های آزمون‌ها اهمیت بیشتری دارد؟

۱. نمره نهایی آزمون
۲. نمره تراز
۳. پاسخ‌های ارائه شده به سوالات
۴. میانگین درصدها

۲۶۴. کدام مورد برای حل مساله مفید است؟

۱. شکاندن مساله به اجزاء کوچکتر
۲. در نظر گرفتن قوانین حاکم بر مساله
۳. ارزیابی راه حل‌های ممکن
۴. همه ی موارد

۲۶۵. کدام یک از موارد زیر پس از تصمیم‌گیری مفید است؟

۱. چرا من این گزینه را انتخاب کردم؟
۲. چگونه می‌توانم رویکرد خود را برای انتخاب بعدی بهبود دهم؟
۳. چرا من اشتباه کردم؟
۴. مورد ۱ و ۲

۲۶۶. کدام مورد برای استفاده از شکل در تصمیم‌گیری درست است؟

۱. موجب سازماندهی افکار مختلف می‌شود.
۲. امکان برقراری ارتباط بین گزینه‌ها را راحت‌تر می‌کند.
۳. همه گزینه‌ها برای انتخاب پیش رو قرار می‌دهد.
۴. همه موارد

۲۶۷. کدام مورد برای حل یک مساله را مناسب‌تر می‌دانید؟

۱. آگاهی از راه حل‌های مختلف
۲. آگاهی از سریع‌ترین راه حل‌ها
۳. آگاهی از دقیق‌ترین راه حل‌ها
۴. آگاهی از یک راه حل مطلوب خودمان

۲۶۸. کدام مورد در خصوص یادگیری با مشارکت دیگران درست است؟

۱. موجب آگاهی از رویکردهای مختلف می‌شود.
۲. مطالب بهتر یاد گرفته می‌شود.
۳. موجب حواس پرتی می‌شود.
۴. مورد ۱ و ۲

۲۶۹. کدام مورد در خصوص توانایی شناختی ما صحیح است؟

۱. می‌تواند تغییر کند.
۲. تغییر ناپذیر است.
۳. هر دو مورد
۴. نمی‌دانم

۲۷۰. یکی از گزینه‌های زیر را در مورد سوالات امروز انتخاب کنید.

۱. مفید بود و انتظار دارم این آگاهی من را در یادگیری مطالب درسی کمک کند.
۲. مایل به دریافت اطلاعات، راهبردها و تکالیف تقویتی بیشتر هستم.
۳. هر دو
۴. هیچ‌کدام