



بنیاد علمی آموزش

دفترچه سؤال

آزمون «۲۸ شهریور ماه ۱۴۰۴»

دفترچه اختصاصی منحصرأ زبان

زمان پاسخ‌گویی: ۱۰۵ دقیقه

تعداد کل سؤالات: ۷۰

نام درس	تعداد سؤال	شماره سؤال	شماره صفحه	زمان پاسخ‌گویی
زبان انگلیسی تخصصی	۷۰	۱-۷۰	۳-۸	۱۰۵ دقیقه

براساس تکنیک ضربدر و منها، کنار سؤالاتی که شک‌دار یا وقتگیر هستند، علامت (x) و کنار سؤالاتی که بلد نیستید، علامت (—) بگذارید و ظرف مدت ۹۰ دقیقه به سایر سؤالات پاسخ دهید. ۱۵ دقیقه پایانی را به بررسی سؤالات (xدار) و سپس (—دار) بپردازید.

نام مبحث	گرامر	واژگان	ترتیب اجزای جمله	مکالمه	کلوزتست	درک مطلب	جمع کل
تعداد سؤالات	۱۵	۲۰	۵	۵	۱۰	۱۵	۷۰
هدف‌گذاری تعداد پاسخ‌های درست شما در این آزمون	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

بنیاد علمی آموزشی قلم‌چی «وقف عام»

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

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



پدید آورندگان

آزمون منحصرأ زبان

۲۸ شهریور ماه ۱۴۰۴

طراحان

نام طراحان	نام درس
رحمت‌اله استیری، عقیل محمدی‌روش، محسن رحیمی، محمد مهدی حسنی‌راد، حدیثه حبیبی، بیتا قربان‌پور، متین مغربی، امیرحسین هاشمی، امیرمهدی سلامتی، ارغوان مقامیان‌زاده، سالار قنبرزاده، الناز شمسی‌نژاد، سامان بیغرض، آرمین رحمانی، عرفان رجبی، سید مهدی خبازی، ریحانه نصرالهی، محمدطه بابامحمدی، محمدحسین مرتضوی	زبان تخصصی

گزینشگران و ویراستاران

نام درس	زبان انگلیسی تخصصی
گزینشگر و مسئول درس	رحمت‌اله استیری
ویراستاران	عقیل محمدی‌روش، سعید آقچه‌لو، فاطمه نقدی، طاها اصغریان

گروه فنی و تولید

مدیر گروه	محدثه مرآتی
مسئول دفترچه	معصومه شاعری
مستندسازی و مطابقت با مصوبات	مدیر: محیا اصغری مسئول دفترچه: سوگند بیگلری، مسئول درس: علیرضا رمضان‌زاده ویراستاران: سپهر اشتیاقی، زهرا فلاحی
حروف‌نگاری و صفحه‌آرایی	سحر ایروانی
ناظر چاپ	حمید عباسی

«برای دریافت اخبار گروه زبان، ویژگی‌های هر آزمون و مطالب درسی به کانال منحصرأ زبان کانون بپیوندید.»

تلگرام: @kanoonir_zaban

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- According to the teacher, the student ... essay received the highest grade demonstrated exceptional creativity, and a clear understanding of the assigned topic.
1) whom 2) whose 3) who 4) at whose
- 2- Although she completed the project with minimal guidance and support, ... every member of the committee and secured her a promotion at the annual company review meeting.
1) that impressed 2) in what it impressed 3) whom it impressed 4) which impressed
- 3- The coffee, ... this morning, was served to the guests during the meeting and enjoyed by everyone in the room.
1) that was freshly brewed 2) which it was freshly brewed
3) which was freshly brewing 4) freshly brewed
- 4- The managers interviewed several candidates ... the necessary experience before making a final decision about the position.
1) whom they believed had 2) whom believed
3) believing have 4) who believed they had
- 5- This is the manual ... the new machine carefully and correctly to avoid any mistakes during the production process in the factory.
1) by which you can operate 2) which it can be operated
3) with which you can operate 4) you can operate
- 6- Bottlenose dolphins can hold their breath for approximately 8 to 10 minutes during deep dives, ... trained human freedivers can only reach breath-holds of 4 to 5 minutes.
1) although 2) despite 3) whereas 4) however
- 7- There's a small restaurant near my office ... I usually order lunch, especially on busy days when I don't have enough time to cook or even step out for food.
1) of there 2) which 3) in that 4) from which
- 8- One of the most cherished traditions in Iran, ... families together regardless of distance, is Nowruz — a celebration of the new year that begins with the arrival of spring.
1) bringing 2) brought 3) where brings 4) that brings
- 9- ... , her cake never tasted the same because Grandma added something extra that you couldn't measure; that was a pinch of love.
1) Following Grandma's recipe precisely, however 2) Precise enough she followed Grandma's recipe
3) How precise did she follow Grandma's recipe 4) However precisely she followed Grandma's recipe
- 10- Galileo faced the Inquisition for his astronomical discoveries, with his hands trembling in Rome's trial chambers, ... that the Earth moves around the Sun.
1) where he abandoned Church doctrine in order to prove
2) in which he abandoned Church doctrine so as to proving
3) which he abandoned Church doctrine in order for proving
4) in where he abandoned Church doctrine so that he could prove
- 11- He manages the situation ... he were the only person capable of handling it, displaying remarkable calmness.
1) as if 2) when 3) since 4) while
- 12- Although ... , AI systems occasionally produce errors that reveal their lack of true understanding.
1) are highly advanced 2) highly advanced
3) advanced highly they are 4) are they highly advanced
- 13- The manuscript was criticized for its dense language; ..., it is regarded as a masterpiece of contemporary literature.
1) nevertheless 2) hence 3) therefore 4) consequently
- 14- If you neglect to follow health protocols during the ongoing pandemic, ... may lead to serious consequences for both your health and that of people around you.
1) which it 2) whom 3) which 4) it
- 15- Electric vehicle sales, according to a study ... by an automotive research firm, have been rising rapidly in the past five years.
1) was conducted 2) that conducted 3) conducted 4) which it was conducted

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- She tries to ... her demanding job by spending quality time with her children daily.
1) balance 2) release 3) argue 4) disagree
- 17- The manager set clear ... for the team to improve their performance within one month.
1) actions 2) expectations 3) businesses 4) beliefs
- 18- She became fully ... after moving out, managing her finances, cooking meals, and making important decisions on her own.
1) independent 2) diverse 3) generous 4) relevant
- 19- The doctor emphasized that it was ... for the patient to receive immediate treatment to address the potentially life-threatening condition he was facing.
1) negligible 2) urgent 3) spacious 4) obscure
- 20- Colette's natural ... personality and fighting spirit has been a help in her long battle with the deadly disease.
1) crusty 2) token 3) communicable 4) bubbly
- 21- The ... research team worked around the clock to develop a vaccine, driven by a shared commitment to ending the pandemic and saving lives worldwide.
1) scandalous 2) controversial 3) dedicated 4) disciplinary
- 22- Prolonged ... to sunlight without proper protection can lead to serious skin conditions, emphasizing the importance of sunscreen for maintaining skin health and preventing damage.
1) emission 2) exposure 3) exhibition 4) broadcast
- 23- The town celebrated the return of their local hero, whose courageous actions brought ... to the entire community.
1) crisis 2) fatigue 3) glory 4) humidity
- 24- Before they officially ... a product, marketing teams develop extensive strategies to ensure maximum visibility and sales potential.
1) consume 2) launch 3) convince 4) achieve
- 25- The members' contrasting personalities surprisingly ... well, making them an effective team both professionally and personally.
1) provide 2) collide 3) protest 4) merge
- 26- When faced with a ... virus, researchers must act quickly to understand its structure and transmission pathways.
1) sensitive 2) novel 3) mutual 4) secure
- 27- As reports of unrest continued to pour in from the capital, public anxiety began to ..., with many fearing an outright civil conflict.
1) rip 2) incline 3) tolerate 4) mount
- 28- It's hard to take his complaints seriously anymore—he tends to ... even the tiniest inconvenience like it's the end of the world.
1) shrink 2) exaggerate 3) devastate 4) prove
- 29- In times of personal or professional crisis, having a reliable ... of allies can make the difference between breakdown and breakthrough.
1) chunk 2) vigor 3) network 4) retail
- 30- Though no one dared to openly criticize the captain, low-ranking officers began to ... quietly about his increasingly erratic orders.
1) grumble 2) sigh 3) withdraw 4) accuse
- 31- By examining the historical context, the author exposed the ... nature of the commonly held belief about the events of the past.
1) complacent 2) fallacious 3) environmental 4) dormant
- 32- Many ... seekers face significant challenges, including dangerous travel conditions and bureaucratic hurdles.
1) cessation 2) calumny 3) justification 4) asylum
- 33- The hurricane's fury showed no signs of ... as torrential rains continued to pound the coastal region for the fourth consecutive day.
1) abating 2) flinching 3) quaffing 4) succumbing
- 34- Airport travelers became noticeably ... after their flight was delayed for the fourth time without any clear explanation.
1) dilatory 2) egregious 3) chary 4) testy
- 35- Historians have thoroughly discredited the ... that medieval people believed the earth was flat before Columbus's voyages.
1) aegis 2) canard 3) verbiage 4) constraint

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) Despite my protests all week, I had to attend a family reunion last weekend at my mother's insistence, but I'd rather have stayed at home.
- 2) Despite my protests all week, I had to attend to a family reunion last weekend at my mother's insistence, but I'd rather stay at home.
- 3) Despite my protests all week, I had to attend a family reunion last weekend on my mother's insistence, but I'd rather have stayed at home.
- 4) Despite my protests all week, I had to attend a family reunion last weekend on my mother's insistence, but I'd rather stay at home.

37-

- 1) Unlike the north, farmers can usually depend on rain all year long, the rains in most parts of Iran are concentrated in the monsoon months, and the skies are generally clear for the rest of the year.
- 2) Unlike the north's farmers, who can usually depend on rain all year long, the rains in most parts of Iran are concentrated in the monsoon months, and the skies are generally clear for the rest of the year.
- 3) In comparison with the north, when farmers can usually depend on rain all year long, the rains in most parts of Iran are concentrated in the monsoon months, and the skies are generally clear for the rest of the year.
- 4) In the north, farmers can usually depend on rain, but in most parts of Iran, the rains are concentrated in the monsoon months, and the skies are generally clear for the rest of the year.

38-

- 1) My mother had lost Mr. Brown's new address of his tailor's shop, so she made a call to Peggy, being both Mr. Brown's assistant and his niece, she presumably let her know where is Mr. Brown's shop now located.
- 2) That my mother had lost Mr. Brown's new address for his tailor's shop, she called Peggy, who was both Mr. Brown's assistant and his niece, and she will presumably let her know where is Mr. Brown's shop now located.
- 3) Having lost Mr. Brown's new address of his tailor's shop, then my mother called Peggy, both Mr. Brown's assistant and his niece, and she will presumably let her know where Mr. Brown's shop now located.
- 4) As my mother had lost Mr. Brown's new address for his tailor's shop, she called Peggy, who was both Mr. Brown's assistant and his niece, and who would presumably let her know where Mr. Brown's shop is now located.

39-

- 1) Why would a prisoner plan escaping from a high-security prison when he'd got only ten days after his release? Someone must have threatened to assault his wife and daughter.
- 2) Why would a prisoner plans to escape from a high-security prison when he had only ten days before his release? Someone must have been threatened to assault his wife and daughter.
- 3) Why would a prisoner plans escaping from a high-security prison when he only has got ten days left of his release? Someone must threaten assaulting to his wife and daughter.
- 4) Why would a prisoner plan to escape from a high-security prison when he had only ten days before his release? Someone must have threatened to assault his wife and daughter.

40-

- 1) There are some problems with the internet connection and don't concern me at all, since for the gaming center already has a network admin.
- 2) That there are some problems with the internet connection doesn't concern me at all, because the gaming center already has a network admin.
- 3) That there are some problems with the internet connection don't concern me at all, due to the gaming center has already a network admin.
- 4) There are some problems with the internet connection and doesn't concern me at all, because the gaming center's already network admin.

Part D: Language Function

Directions: Read the following conversations between two people and answer the questions about the conversations by choosing one of the choices (1), (2), (3), or (4). Then mark the correct choice on your answer sheet.

A: So, I just heard Max already registered the team for the robotics competition. I thought we were going to do that together.

B: Yeah, he ...(41)... while we were still deciding. He doesn't wait around.

A: That's the thing — he makes choices ...(42)..., no discussion.

B: Well, come hell or ...(43)..., we'll form our own team and make it to the finals. He's not the only one who can move fast.

- | | | | |
|----------------------------|---------------------|-----------------------|-------------------------|
| 41-1) beat us to the punch | 2) took a back seat | 3) put his foot in it | 4) threw us for a loop |
| 42-1) at the drop of a hat | 2) in the flesh | 3) in the long run | 4) at the eleventh hour |
| 43-1) sunshine | 2) heaven | 3) high water | 4) heavy rain |

A: I can't believe my presentation didn't go perfectly. I stumbled on one sentence, and now I'm worried everyone thinks I'm terrible.

B: Hey, ...(44)... One little slip-up isn't the end of the world.

A: But it feels huge to me! I keep replaying it in my head.

B: You're definitely making a ...(45)... out of a molehill. Everyone messes up sometimes.

A: I know, but it's hard to just let it go.

- | | | | |
|----------------------|-------------------|-----------------------|------------------|
| 44-1) keep me posted | 2) don't sweat it | 3) speak of the devil | 4) words fail me |
| 45-1) mountain | 2) house | 3) land | 4) deal |

Part E: Cloze Test

Directions: Read the following passage and decide which choice (1), (2), (3), or (4) best fits each space. Then mark the correct choice on your answer sheet.

In recent years, renewable energy technologies have undergone significant advancements, reshaping the global energy landscape and influencing economic and environmental policies. The increasing urgency to address climate change, combined with innovations in solar, wind, and battery storage technologies, ...(46)... the transition away from fossil fuels toward cleaner and more sustainable sources of power. Solar photovoltaic panels and wind turbines have become more efficient and affordable, and led to widespread ...(47)... in both industrialized and developing nations. ...(48)... greenhouse gas emissions but also offers the potential for decentralized energy systems, increasing energy access in remote or underserved areas. ...(49)..., renewable energy integration presents complex challenges. The ...(50)... nature of solar and wind power requires improvements in grid management, energy storage, and demand-response strategies to ensure reliability and stability. Moreover, the deployment of large-scale renewable infrastructure sometimes raises ...(51)..., ecological impact, and social equity, as communities near project sites may experience disruption or ...(52)... participation in decision-making processes. Economically, while renewables generate new jobs and industries, traditional sectors reliant on fossil fuels face ...(53)..., leading to debates about just transitions for affected workers and regions. Policy frameworks, investment incentives, and international cooperation all play crucial roles in navigating these opportunities and obstacles. ...(54)... and the pressing need for sustainable solutions, renewable energy development embodies both transformative promise and significant practical and ethical considerations. The future of global energy clearly ...(55)... not just on advancements in technology but also on carefully balancing environmental responsibility, economic sustainability, and social fairness.

- | | | | |
|---|---|---|---|
| 46-1) accelerating | 2) have accelerated | 3) has accelerated | 4) accelerate |
| 47-1) adoption | 2) assumption | 3) suspicion | 4) permission |
| 48-1) This shift not only reduces | 2) Not only this shift reduces | 3) This shift does not reduce | 4) Not only does this shift reduces |
| 49-1) Alongside are these benefits | 2) These benefits that are alongside | 3) Alongside these benefits | 4) These benefits are alongside |
| 50-1) lackadaisical | 2) intermittent | 3) adventurous | 4) strident |
| 51-1) and uses land to related concerns | 2) related concerns to land use | 3) to use land related concerns | 4) concerns related to land use |
| 52-1) inadequate | 2) incomprehensible | 3) illegible | 4) illiterate |
| 53-1) integrity | 2) expansion | 3) decline | 4) revival |
| 54-1) The complexity of energy systems is given | 2) Given the complexity of energy systems | 3) The complexity of energy systems are given | 4) The complex energy systems are given |
| 55-1) devotes | 2) pertains | 3) imposes | 4) relies |

Part F: Reading Comprehension

Directions: In this part of the test, you will read three passages. Each passage is followed by some questions. Answer the questions about the passages by choosing the best choice (1), (2), (3), or (4). Then mark the correct choice on your answer sheet.

PASSAGE 1:

Humanity's primal efforts to systematize the concepts of size, shape, and number are usually regarded as the earliest mathematics. However, the concept of number and the counting process developed so long before the time of recorded history (as evidenced by archaeological finds showing that counting was employed by humans as far back as 50,000 years ago) that the manner of this development is largely conjectural. Imagining how it probably came about is not difficult. The argument that humans, even in prehistoric times, had some number sense—at least to the extent of recognizing “more” and “less” when objects were added to or taken away from a small group—seems fair, for studies have shown that some animals possess such a sense.

With the gradual evolution of society, simple counting became imperative. A tribe had to know how many members it had and how many enemies it faced, and a shepherd needed to know if the flock of sheep was decreasing in size. Probably the earliest way of keeping a count was by some simple tally method, employing the principle of one-to-one correspondence. For example, in counting sheep, one finger per sheep could be bent. Counts could also be maintained by making scratches in the dirt or on a stone, by cutting notches in a piece of wood, or by tying knots in a string. Later, an assortment of vocal sounds might have been developed as a word tally for the number of objects in a small group. Still later, with the refinement of writing, a set of signs was devised to represent these numbers. Such an imagined development is supported by anthropologists' studies of present-day societies thought to resemble those of early humans.

56- Why does the author mention animals in paragraph 1?

- 1) To support a theory about the behavior of early humans
- 2) To identify activities that are distinctly human
- 3) To illustrate the limits of a historical record of human development
- 4) To establish that early humans kept domesticated animals

57- What is the basic principle of the tally method described in the second paragraph?

- 1) The count is recorded permanently.
- 2) Calculations provide the total count.
- 3) Large quantities are represented by symbols.
- 4) Each marker represents a single object.

58- Which of the following is NOT mentioned as an early method of counting?

- 1) Cutting notches
- 2) Bending fingers
- 3) Piling stones
- 4) Tying knots

59- Which of the following conclusions is supported by the passage?

- 1) Counting processes did not develop only after writing became widespread.
- 2) Early counting methods required herds of animals.
- 3) Mathematics has remained unchanged since ancient times.
- 4) Early humans first counted because of necessity.

60- It can be inferred that research in other academic fields relates to research in the author's field in which of the following ways?

- 1) It contributes relevant information.
- 2) It is carried out on a simpler level.
- 3) It is less reliable than research in the author's field.
- 4) It causes misunderstandings if applied to the author's field.

PASSAGE 2:

Genetic engineering of crops, often referred to as genetic modification (GM), remains a highly contested subject. Proponents emphasize the potential for increased crop yields, enhanced nutritional value and reduced pesticide use. They suggest that GM crops can be engineered to resist pests and diseases, which decreases the need for harmful chemical applications and lowers production costs for farmers. Furthermore, genetic modification may address global food security challenges by enabling crops to thrive in harsh environments, like drought-resistant varieties in arid regions. Supporters of GM crops frequently point to studies showing no adverse health effects from consuming genetically modified foods, and believe that such technologies offer a pathway toward sustainable agriculture. This way, they argue, is a way to solve many current ecological problems.

However, critics raise serious concerns about the environmental and ethical implications of this technology. One major worry is the potential for cross-pollination, where genetically modified genes spread to wild plants, potentially disrupting ecosystems. They also question the long-term effects of consuming GM foods, even though the research has come to a certain consensus. The comparison highlights that some argue that the benefits primarily accrue to large agricultural corporations, while the risks are disproportionately borne by smaller farmers and consumers. As an example, critics suggest that the development of herbicide-resistant crops encourages the overuse of herbicides, resulting in environmental degradation. Therefore, the debate hinges on balancing the potential benefits of increased food production with the potential environmental and societal risks associated with altering the fundamental genetic makeup of our food supply.

61- All of the following are mentioned in paragraph 1 EXCEPT ...

- 1) the potential of GM crops to improve nutritional quality
- 2) the possibility of GM crops thriving in severe weather conditions
- 3) regulation of novel genetically engineered crops' environmental impacts
- 4) studies indicating no adverse health effects from consuming GM foods.

62- Which of the following best describes the attitudes of the critics and proponents of genetically modified crops, respectively?

- 1) Enthusiastic/ Skeptical
- 2) Approving/ Wary
- 3) Objective/ Biased
- 4) Concerned/ Favorable

63- Which of the following pairs of techniques is used by the author in the passage?

- 1) Emotional appeal and Generalization
- 2) Exemplification and Compare & Contrast
- 3) Personal anecdotes and Expert testimony
- 4) Cause and effect and Enumeration

64- The passage provides sufficient information to answer which of the following questions?

I. What government incentives drive the development of GM crops?

II. How does GM crops impact the nutritional diversity of our diets?

III. Do current labeling practices adequately inform consumers about GM content?

- 1) Only I
- 2) None of the above
- 3) I and II
- 4) Only III

65- According to the passage, which of the following statements is NOT true?

- 1) Long-term consequences of consuming GM foods remain uncertain, fueling the debate despite research suggesting no immediate harm.
- 2) Concerns exist regarding the ethical implications of fundamentally altering the genetic structure of commonly consumed food sources.
- 3) The spread of genetically modified genes into wild plant populations threatens the biodiversity and stability of delicate ecological systems.
- 4) While raising concerns, critics acknowledge some GM crops may offer practical advantages in specific situations.

PASSAGE 3:

Emerging in the late 18th century and flourishing throughout the 19th, the Romantic Movement presented a profound cultural and intellectual counterpoint to the Enlightenment's rigorous embrace of reason and scientific order. While the Enlightenment celebrated logic, objectivity, and universal truths, Romanticism prioritized emotion, individualism, imagination, and the sublime in nature. [1]

Unlike the Enlightenment, which sought to analyze and categorize, Romanticism often reveled in the mysterious, the untamed, and the unconventional. Its dominant artistic forms included poetry, painting, and music, where individual expression and powerful emotional resonance took precedence over classical restraint and societal norms. In literature, figures like William Wordsworth and Samuel Taylor Coleridge in England, through their Lyrical Ballads (1798), sought to capture the beauty of ordinary life and the power of nature to inspire profound feelings. [2] Their poetry often explored themes of solitude, the pastoral, and the direct experience of the natural world, in stark contrast to the urbanity and social critique of some Enlightenment thinkers. Similarly, Lord Byron embodied the passionate, often rebellious "Byronic hero," while Mary Shelley's *Frankenstein* delved into the terrifying consequences of unchecked scientific ambition, reflecting a growing unease with purely rational progress. In the visual arts, artists like J.M.W. Turner and Caspar David Friedrich moved away from precise, classical compositions to depict awe-inspiring landscapes, dramatic seascapes, and intense atmospheric effects, emphasizing humanity's smallness before nature's grandeur. [3] Music, too, underwent a significant transformation. Composers such as Ludwig van Beethoven, with his explosive emotional range and dramatic symphonies, and later Frédéric Chopin and Franz Liszt, with their virtuosic and deeply expressive piano works, pushed the boundaries of form to convey intense personal feeling and dramatic narratives.

The Romantic Movement also saw a renewed interest in folklore, national identity, and the medieval period, often in reaction to the universalist tendencies of the Enlightenment. This fostered the growth of nationalism and a celebration of unique cultural heritages. [4] While some historians might view Romanticism as an irrational retreat from progress, it was in fact a vital intellectual current that explored the complexities of human experience, celebrated artistic freedom, and highlighted the importance of intuition and subjective experience. Its legacy continues to shape our understanding of art, nature, and the individual's place in a world often dominated by logic and empirical observation.

66- The underlined word "counterpoint" in paragraph 1 is closest in meaning to ...

- 1) accompaniment 2) complement 3) contradistinction 4) disjunction

67- None of the following are mentioned in paragraph 2 EXCEPT that ...

- 1) musical composers intentionally broadened established structural conventions
2) the movement served as an intellectual contrast to rationalism
3) a fascination with unique ancestral narratives was rekindled
4) its philosophical underpinnings were rooted in empiricist epistemology

68- According to the passage, which of the following statements is true?

- 1) Although its artistic contributions were fleeting, this movement faced widespread contemporary condemnation as an illogical retreat from societal advancement, consequently exerting minimal lasting influence on subsequent intellectual thought.
2) Romantic literary creations predominantly extolled complex urban social structures and unreservedly affirmed the unfettered potential of scientific progress, showing no apprehension regarding its ethical implications for humanity.
3) Directly inheriting its core investigative methodologies from the Enlightenment, the Romantic movement prioritized dispassionate objective analysis and meticulous systematic categorization in its exploration of human phenomena and natural environments.
4) This influential cultural shift represented a profound philosophical departure from dominant rationalist paradigms, instead championing the profound importance of personal emotion and subjective consciousness as paramount to understanding the world, rather than solely objective reasoning.

69- Which of the following CANNOT be inferred from the passage?

- 1) Due to its emphasis on commonplace existence, Lyrical Ballads was conceived for and resonated with the less intellectually sophisticated populace.
2) The concerns explored in *Frankenstein* suggested a developing apprehension within the Romantic period regarding the potential negative ramifications of unbridled scientific progress.
3) The perspectives championed by the Romantic Movement offer a continued counterbalance or vital dimension to a contemporary intellectual landscape largely driven by scientific rationality.
4) The Enlightenment's emphasis on overarching principles may have inadvertently led to a perceived marginalization of distinct cultural specificities.

70- In which position marked by [1], [2], [3] or [4], can the following sentence best be inserted in the passage?
This shift was not a rejection of progress, but rather a re-evaluation of humanity's place in the world and a yearning for deeper, more personal experiences beyond the purely rational.

- 1) [1] 2) [2] 3) [3] 4) [4]



دفترچه سؤال

آزمون هوش و استعداد

(دوره دوم)

۲۸ شهریور

تعداد کل سؤالات آزمون: ۲۰

زمان پاسخ گویی: ۳۰ دقیقه

گروه فنی تولید

حمید لنجان زاده اصفهانی	مسئول آزمون
فاطمه راسخ	ویراستار
محیا اصغری	مدیر گروه مستندسازی
علیرضا همایون خواه	مسئول درس مستندسازی
حمید اصفهانی، فاطمه راسخ، سجاد محمدنژاد، حمید گنجی، حامد کریمی، فرزاد شیرمحمدلی	طراحان
معصومه روحانیان	حروف چینی و صفحه آرایی
حمید عباسی	ناظر چاپ

برای مشاهده پاسخ ها، به صفحه شخصی خود در سایت کانون مراجعه کنید.

استعداد تحلیلی

۳۰ دقیقه

۲۵۱- عبارتهای زیر با تغییر، از یک متن انتخاب شده است. کدام مورد نادرستی نگارشی دارد؟

- (۱) به عقیده ناصرخسرو، خردی که در بند نیازهای حیوانی بشر نباشد، او را به همراهی دین، به رستگاری می‌رساند.
- (۲) اما ناصرخسرو آن چیزی را خرد واقعی می‌شمارد که انسان را به جانب دین سوق دهد و در تلازم و همگام با شرع باشد.
- (۳) ناصرخسرو در این مورد خشک و متعصب است و هر دیدگاهی که مغایر با آنچه در ذهن اوست را رد می‌کند.
- (۴) در واقع، خردستایی ناصرخسرو در چارچوب اعتقادات دینی و مذهبی اوست و با مبانی آن ارتباط تنگاتنگ دارد.

۲۵۲- واژه‌های اول و یازدهم عبارت حاصل از مرتب کردن کلمه‌های زیر به ترتیب کدامند؟

- «ادبیات - اسلامی - خورده‌است - نیست - ایرانی - فارسی - با - عرفان - گره - شکی - که - و»
- (۱) شکی - فارسی
 - (۲) ادبیات - گره
 - (۳) ادبیات - فارسی
 - (۴) شکی - گره

۲۵۳- با همه حروف به هم ریخته «ر س س ف ک م و و ه ی» نام یک کشور و نام پایتخت آن ساخته می‌شود، ولی یک حرف اضافه می‌ماند. آن حرف کدام است؟ از هر حرف باید به همان اندازه‌ای که هست استفاده شود.

- (۱) ر
- (۲) ف
- (۳) ک
- (۴) ه

۲۵۴- اگر حروف عبارت «تک‌درخت به پای طوفان نشسته» را به ترتیب حروف الفبا از راست به چپ بنویسیم، چهارمین حرف سمت چپ اولین حرف از سمت راست دومین حرف از سمت راست، کدام خواهد بود؟ حروف تکراری را تنها یک بار در نظر بگیرید.

- (۱) پ
- (۲) ت
- (۳) خ
- (۴) د

۲۵۵- در کلمه «دارآباد» سه جفت حرف «د - ر»، «آ - ب» و «ب - ا» به ترتیب دارای یک فاصله، بدون فاصله و بدون فاصله هستند و در الفبا نیز همین تعداد فاصله را دارند. یعنی فاصله بین دو حرف خاص در آن کلمه، با فاصله بین آن دو حرف خاص در الفبا برابر است. چند جفت حرف با این ویژگی‌ها در کلمه «آفتاب‌پرست» وجود دارد؟

- (۱) یک
- (۲) دو
- (۳) سه
- (۴) چهار

۲۵۶- در ادامه الگوی «الف ب ت ج ذ ش ...» کدام جفت حروف با همین ترتیب دیده می‌شود؟

(۲) ف م

(۱) ف ن

(۴) غ م

(۳) غ ن

۲۵۷- کدام ضرب‌المثل با بیت زیر هم‌معناست؟

«در همه کاری که در آیی نخست / رخنه بیرون شدنش کن درست»

(۱) اول چاله‌ش رُ بکن، بعد مناره ش رُ بدزد

(۲) مار تا راست نشد تو سوراخ نرفت

(۳) وای از روزی که داروغه دزد باشد

(۴) موش به سوراخ نمی‌رفت جارو به دمش می‌بست

* در یک جدول سودوکوی چهار در چهار، هر ردیف و هر ستون دقیقاً دارای یکی از عددهای ۱، ۲، ۳ و ۴ است. بر این اساس به دو پرسش بعدی پاسخ دهید.

۲۵۸- برای حل جدول سودوکوی زیر، یعنی تعیین عدد همه خانه‌ها، عدد حداقل چند خانه دیگر آن باید کامل مشخص شود؟

۱			
	۳		
			۴
	۲		

(۱) یک خانه

(۲) دو خانه

(۳) سه خانه

(۴) نیاز نیست عدد خانه دیگری مشخص شود.

۲۵۹- جدول سودوکوی زیر به چند حالت کاملاً حل می‌شود؟

۱			
	۱		۲
		۱	
۳			۱

(۱) یک حالت

(۲) دو حالت

(۳) سه حالت

(۴) چهار حالت

۲۶۰- یک مربی فوتبال در دوران حرفه‌ای خود، تاکنون صدوپنجاه بازی سرمربیگری و آمار پنجاه درصد پیروزی را ثبت کرده است. این سرمربی حداقل

چند بازی دیگر باید سرمربی باشد تا آمار پیروزی‌هایش را به حداقل شصت درصد برساند؟

(۲) ۲۴

(۱) ۱۰

(۴) ۵۲

(۳) ۳۸

۲۶۱- صد جعبه از یک کالا را با تخفیف بیست درصدی فروختیم، حداقل چند جعبه از همان کالا را با افزایش قیمت پنج درصدی بفروشیم که در مجموع

زیان نکرده باشیم؟

(۲) ۲۱۰

(۱) ۱۴۰

(۴) ۴۰۰

(۳) ۳۰۵

۲۶۲- برای انجام یک کار، ده کارگر استخدام شده بودند ولی پس از شش روز کار، نیمی از آنان مجبور شدند کار را ترک کنند. در نتیجه، انجام کار باقی مانده شش

روز بیشتر طول کشید. اگر کارگرها کار را ترک نمی کردند، کل کار از آغاز چند روزه تمام می شد؟ کارگرها مهارت کاری یکسان دارند.

(۲) ۱۲

(۱) ۱۰

(۴) ۱۸

(۳) ۱۶

۲۶۳- با طنابی ابتدا یک دایره و سپس بار دیگر، یک مربع ساختیم. اختلاف مساحت این دو، برابر $\frac{9\pi^2}{4} - 9\pi$ واحد مربع شد. طول طناب چند واحد بوده است؟

(۲) ۲۱

(۱) 6π

(۴) ۲۷

(۳) 8π

۲۶۴- پنج کتاب با عنوان های «الف، ب، پ، ت، ث» باید به شکلی در یک قفسه کنار هم چیده شوند که کتاب های «الف و ب» کنار هم باشند و

کتاب های «ت و ث» کنار هم نباشند. چند حالت برای این کنار هم قرار گرفتن کتاب ها هست؟

(۲) ۱۸

(۱) ۱۵

(۴) ۲۴

(۳) ۲۱

۲۶۵- به جای علامت سؤال الگوی عددی زیر، کدام عدد را می توان قرار داد؟

۹	۸
۲۱	۱۴

(۱)

۵	۲
۳	۶

(۲)

۱۹	۶۰
۱۳	۳۹

(۳)

۷۰	?
۱۸	۹

(۴)

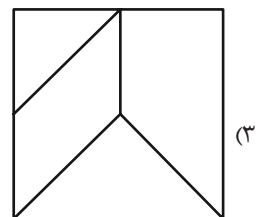
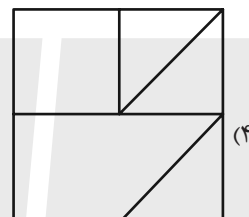
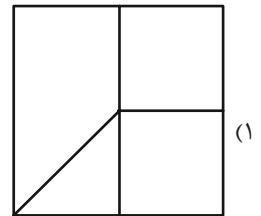
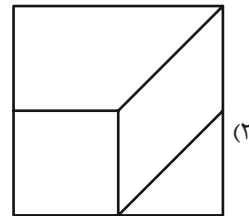
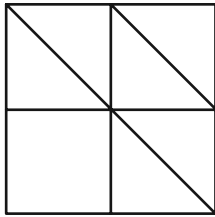
(۱) ۱

(۲) ۲

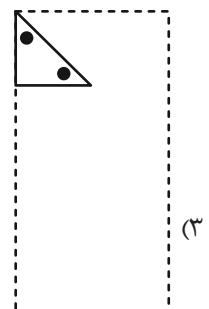
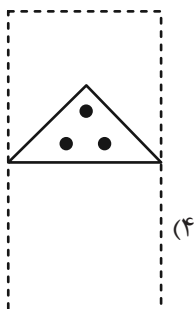
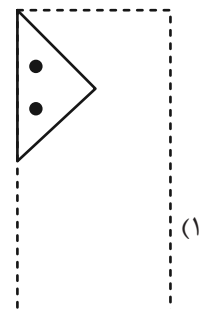
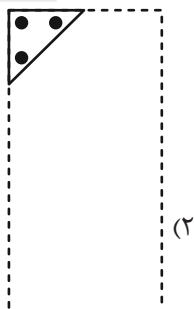
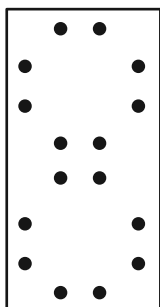
(۳) ۳

(۴) ۴

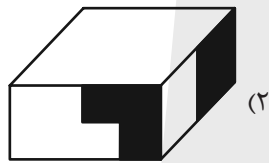
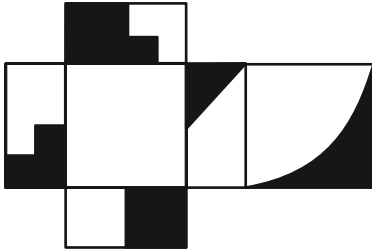
۲۶۶- سه برگه کاغذ شفاف مربع شکل و هم اندازه را روی هم انداختیم و چرخاندیم تا شکل زیر حاصل شود. کدام گزینه یکی از این سه برگه نیست؟



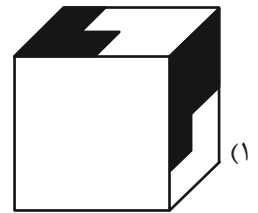
۲۶۷- برگه تا و سوراخ شده کدام گزینه را اگر باز کنیم ممکن است شکل زیر حاصل شود؟



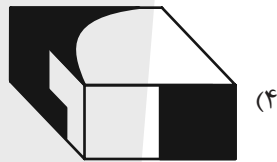
۲۶۸- از شکل گسترده زیر مکعب مستطیلی با کدام نما ساخته نمی شود؟ پشت برکه کاملاً سفید است.



(۲)



(۱)

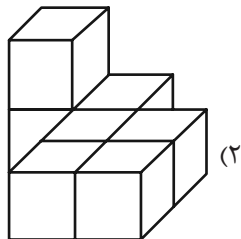


(۴)

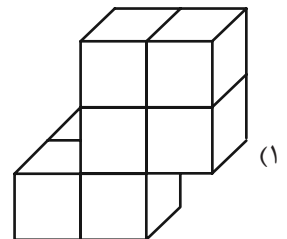


(۳)

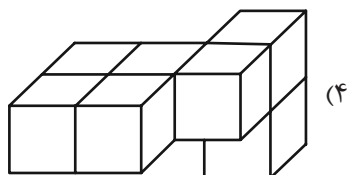
۲۶۹- کدام حجم از چرخش دیگر حجم ها حاصل نشده است؟



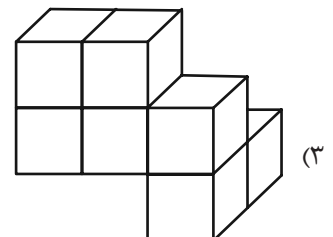
(۲)



(۱)

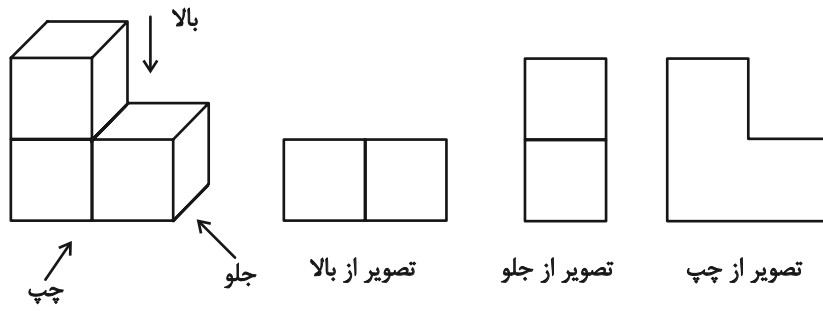


(۴)

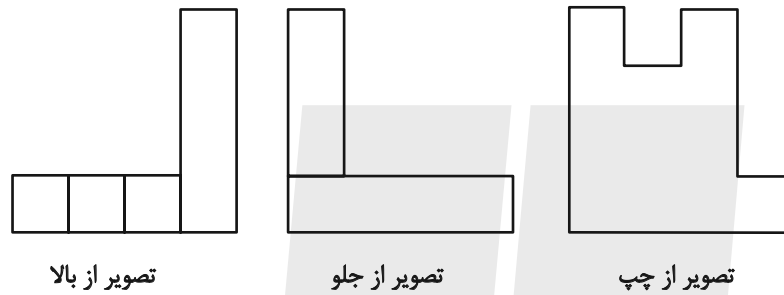


(۳)

۲۷۰- در تصویرهای زیر، نمای شکلی سه‌بعدی از سه جهت نشان داده شده است.



نمای شکل سه‌بعدی دیگری از سه جهت به همین شکل نشان داده شده است.



این حجم حداکثر از چند مکعب واحد تشکیل شده است؟

۱۳ (۱)

۱۴ (۲)

۱۵ (۳)

۱۶ (۴)

منابع مناسب هوش و استعداد

دوره دوم

