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09 기술과 미디어 · 교재 p.231

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2026년 10월 시행 · 전국연합학력평가

Few people may view the Star Trek universe through an economic lens, but doing so provides a window into a world that might soon be upon us. All of classical economics is based on the ① notion that there isn't usually enough of anything to give everyone everything they want or need. Because of that, we use markets and pricing to ② allocate those goods, services, and resources to where they might result in the highest benefit. In Star Trek, however, there isn't much ③ abundance. Technology has allowed that society to reproduce any food they want, transport themselves thousands of miles in the blink of an eye, communicate over light-years, and travel among the stars. All of humanity in that world has been fully ④ educated so that they can participate in this prosperity. Everyone is an explorer, researcher, engineer, artist, doctor, or counselor. Generative AI has the potential to allow many dimensions of our own society to be similarly highly ⑤ abundant.

1. 어휘 윗글의 밑줄 친 부분 중, 문맥상 낱말의 쓰임이 적절하지 않은 것은?

① ② ③ ④ ⑤

2. 주제 윗글의 주제로 가장 적절한 것은?

① why markets will always be necessary
② a world of abundance imagined through Star Trek and AI
③ the scientific errors in Star Trek
④ how classical economics explains space travel
⑤ the high cost of education in the future

2025년 10월 고1 학평 41~42번

2025년 10월 시행 · 전국연합학력평가

Creativity is the ability to generate novel and valuable ideas. It involves divergent thinking, imagination, and a willingness to experiment and take risks. While AI can be a powerful tool for creative efforts, it also carries the risk of limiting originality and innovation. AI algorithms are trained on existing datasets, often identifying patterns and trends in past creations. While this can be useful for generating new content in similar styles or formats, it can also lead to derivative works that lack genuine originality. If artists and designers rely too heavily on AI for inspiration and content generation, they may find themselves trapped in _____, unable to break free from the constraints of the AI's training data. Moreover, the ease with which AI can generate content can discourage the kind of struggle and experimentation that often leads to breakthroughs. The creative process is often messy and repetitive, involving numerous failures and setbacks. It is through these challenges that we refine our skills, develop our unique perspectives, and push the boundaries of what is possible. If AI provides instant solutions, it can bypass this essential process of learning through trial and error, ultimately inhibiting the development of true creative talent.

1. 빈칸 추론 윗글의 빈칸에 들어갈 말로 가장 적절한 것은?

① a world of new ideas
② a habit of hard work
③ a network of artists
④ a process of trial and error
⑤ a cycle of imitation

2. 제목 윗글의 제목으로 가장 적절한 것은?

① AI Makes Everyone a Genius
② Why Failure Is Useless
③ Training Data Has No Limits
④ Instant Answers, Lost Originality: AI and Creativity
⑤ Creativity Requires No Struggle

2025년 9월 고1 학평 35번

2025년 9월 시행 · 전국연합학력평가

Humans for centuries have ① dreamed of machines that could become intelligent and make human-like decisions. There have been ② myths about robots, automatons, and artificial beings since ancient Greece (e.g., the myth of Pandora, who released ills upon the world). Likewise, literature throughout history has dreamed of creating human-like creatures and thinking machines (e.g., Mary Shelley's Frankenstein). In 1950, British mathematician Alan Turing asked whether machines could think and reason like humans and then developed the Turing test to ③ measure a machine's intelligence and whether the machines can think autonomously. A few years later, MIT professor John McCarthy ④ rejected "artificial intelligence," ⑤ replacing the previously used expression "automata studies." Since then, artificial intelligence has become the study and practice of "making intelligent machines" that are programmed to think like humans —endowed by their creators with reasoning and learning.

1. 어휘 윗글의 밑줄 친 부분 중, 문맥상 낱말의 쓰임이 적절하지 않은 것은?

① ② ③ ④ ⑤

2. 주제 윗글의 주제로 가장 적절한 것은?

① the long human dream and the birth of artificial intelligence
② why ancient Greeks built real robots
③ the plot of Frankenstein
④ how the Turing test was abolished
⑤ the decline of automata studies

2024년 10월 고1 학평 24번

2024년 10월 시행 · 전국연합학력평가

The evolution of AI is often associated with the concept of singularity. Singularity refers to the point at which AI ① exceeds human intelligence. After that point, it ② predicts that AI will repeatedly improve itself and evolve at an accelerated pace. When AI becomes self-aware and ③ pursues its own goals, it will be a conscious being, not just a machine. AI and human consciousness will then begin to evolve together. Our consciousness will evolve to new dimensions through our interactions with AI, which will provide us with intellectual stimulation and ④ inspire new insights and creativity. Conversely, our consciousness also has a significant impact on the evolution of AI. The direction of AI's evolution will depend greatly on what values and ethics we incorporate into AI. We need to see our relationship with AI as a mutual coexistence of conscious beings, ⑤ recognizing its rights and supporting the evolution of its consciousness.

1. 어법 윗글의 밑줄 친 부분 중, 어법상 틀린 것은?

① ② ③ ④ ⑤

2. 요지 윗글의 요지로 가장 적절한 것은?

① AI는 결코 인간 지능을 넘어설 수 없다.
② AI의 진화 방향은 인간의 가치와 무관하다.
③ AI와 인간의 의식은 서로 영향을 주며 함께 진화하므로, 공존하는 의식적 존재로 관계를 보아야 한다.
④ AI는 의식을 가질 수 없는 단순한 기계이다.
⑤ 인간의 의식은 AI와 상호 작용해도 변하지 않는다.

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By improving accessibility of the workplace for workers that are typically at a disadvantage in the labour market, AI can _____. AI-powered assistive devices to aid workers with visual, speech or hearing difficulties are becoming more widespread, improving the access to, and the quality of work for people with disabilities. For example, speech recognition solutions for people with dysarthric voices, or live captioning systems for deaf and hard of hearing people can facilitate communication with colleagues and access to jobs where inter-personal communication is necessary. AI can also enhance the capabilities of low-skilled workers, with potentially positive effects on their wages and career prospects. For example, AI's capacity to translate written and spoken word in real-time can improve the performance of non-native speakers in the workplace. Moreover, recent developments in AI-powered text generators can instantly improve the performance of lower-skilled individuals in domains such as writing, coding or customer service.

1. 빈칸 추론 윗글의 빈칸에 들어갈 말로 가장 적절한 것은?

① replace all human workers
② improve inclusiveness in the workplace
③ reduce wages for low-skilled workers
④ make communication more difficult
⑤ limit access to jobs

2. 제목 윗글의 제목으로 가장 적절한 것은?

① AI Threatens Workers with Disabilities
② Why Translation Tools Fail at Work
③ Only Skilled Workers Benefit from AI
④ Customer Service Without Humans
⑤ AI for All: Making Workplaces More Inclusive

정답 및 해설

9-08 **1.**③ **2.**② · 9-09 **1.**⑤ **2.**④ · 9-10 **1.**④ **2.**① · 9-11 **1.**② **2.**③ · 9-12 **1.**② **2.**⑤

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1. ③ 고전 경제학과 달리 스타트렉 세계에는 '희소성'이 거의 없다. 기술로 무엇이든 만들 수 있기 때문이다. ③ abundance → scarcity.

2. ② 희소성을 전제로 한 고전 경제학과 달리 풍요로운 스타트렉 세계를 통해, 생성형 AI가 가져올 수 있는 풍요를 다룬다.

9-09 · 2025년 10월 고1 학평 41~42번

1. ⑤ AI는 기존 데이터의 패턴을 학습하므로 지나치게 의존하면 학습 데이터의 한계를 벗어나지 못하는 '모방의 순환'에 갇힌다.

2. ④ AI는 창작을 돕지만 모방을 낳고, 시행착오라는 필수 과정을 건너뛰게 해 진정한 창의성 발달을 막을 수 있다는 글이다.

9-10 · 2025년 9월 고1 학평 35번

1. ④ 매카시는 '인공 지능'이라는 용어를 '만들어' 이전의 'automata studies'를 대체했다. ④ rejected → coined.

2. ① 생각하는 기계에 대한 인류의 오랜 꿈이 신화와 문학을 거쳐 튜링과 매카시를 통해 인공 지능 연구로 이어졌다는 내용이다.

9-11 · 2024년 10월 고1 학평 24번

1. ② 가주어 it 뒤에 '~라고 예측된다'는 수동의 의미이므로 is predicted가 알맞다. ② predicts → is predicted.

2. ③ 특이점 이후 AI와 인간의 의식은 서로 영향을 주며 함께 진화하므로, AI를 공존하는 의식적 존재로 대해야 한다는 것이 요지다.

9-12 · 2024년 9월 고1 학평 23번

1. ② AI는 장애인과 저숙련 노동자의 직장 접근성과 능력을 높여 '직장의 포용성을 높일' 수 있다. ③은 글과 반대다.

2. ⑤ AI 보조 기기와 번역·텍스트 생성 도구가 장애인과 저숙련 노동자의 일의 질을 높여 포용적인 직장을 만든다는 글이다.