



International English Olympiad
“Formula of Unity” / “The Third Millennium”
Year 2024/2025. Qualifying round
Tasks for grades R10–R11



The last day to send your answers is **November 13**.

All the information about the Olympiad and the instruction for participants: <https://www.formulo.org/ru/olymp/2024-lang-ru/>
and <https://www.formulo.org/en/olymp/2024-lang-en/>

1. (10 points) Fill in the gaps with one of the given words.

Each item must be entered in a separate field. 10 items = 10 fields in total.

- | | |
|--|----------|
| 1) She _____ up her child alone, it was difficult, though. | A) Go |
| 2) Why have you done it? Such a lie! Why have you _____ up this story? | B) Get |
| 3) Be careful: one day your lie will _____ up with you. | C) Run |
| 4) It's going to take some time to _____ over Ben. It was an awful breakup. | D) Bring |
| 5) Have you seen the bills? We have to _____ down on extra spendings. | E) Show |
| 6) Let's _____ up with a plan B. That one didn't work. | F) Catch |
| 7) Any ideas? Because I've _____ out of suggestions. | G) Cut |
| 8) Sir, excuse me! Could you _____ your dog off? It is scary! | H) Make |
| 9) Why not buy this sparkling dress? Don't you want to _____ off? | I) Come |
| 10) The test is tomorrow... I'm absolutely exhausted because of the hard preparation. But I've got to _____ through with it. | J) Call |

2. (5 points) Answer the questions about the article «Top 10 Benefits of AI in Education» by Josphat Mutai.

Each item must be entered in a separate field. 10 items = 10 fields in total.

Top 10 Benefits of AI in Education

Artificial Intelligence (AI) has revolutionized education, transforming the way students learn and teachers instruct. By incorporating AI technologies into educational settings, numerous benefits have emerged, enhancing the learning experience, promoting personalized instruction, and streamlining administrative tasks. In this article, we will delve into the remarkable advantages of AI in education, examining ten key benefits that demonstrate the tangible impact AI has had on classrooms worldwide. Throughout the discussion, we will explore real-life examples that illustrate how AI has brought about positive transformations in the field of education.

Personalized Learning

AI technology enables personalized learning experiences tailored to each student's unique needs and preferences. Adaptive learning platforms assess students' strengths and weaknesses using AI algorithms, delivering customized content and instructional pathways. By adapting to students' learning styles and pacing, AI-powered platforms provide targeted support to maximize their learning potential. For example, an AI-based language learning platform analyzes a student's pronunciation patterns, grammar knowledge, and vocabulary usage. Based on this analysis, personalized exercises are generated, offering instant feedback for improvement in specific language skills. This personalized approach has proven effective in boosting student engagement and academic performance. A recent study in a large-scale educational institution found that students receiving personalized instruction through AI-powered platforms achieved significantly higher academic outcomes compared to traditional instruction methods. This highlights the power of AI in addressing individual learning gaps and creating a more inclusive educational environment.

Efficient Grading and Assessment

AI streamlines the grading and assessment process, reducing the burden on educators. AI-powered software accurately evaluates assignments and provides timely feedback to students, enabling them to track their progress and make improvements. For example, an AI-based essay grading system utilizes natural language processing and machine learning algorithms to comprehensively assess students' writing skills. It offers detailed feedback on grammar, structure, and content, empowering students to enhance their writing abilities. This automated grading process saves educators valuable time, allowing them to focus on personalized instruction and support. In addition to grading, AI's impact extends to resume building as well. ResumeKit, an innovative AI resume builder, provides students with the opportunity to create compelling resumes tailored to their unique strengths and qualifications. By harnessing advanced algorithms, ResumeKit generates professional resumes that effectively showcase students' skills and experiences, helping them stand out in the competitive job market.

Intelligent Tutoring Systems

Intelligent tutoring systems powered by AI offer personalized support to students beyond the confines of the class-

room. These systems provide tailored guidance, addressing students' questions and assisting them in improving their skills. Through the use of natural language processing, AI-powered chatbots engage in interactive conversations, creating a simulated one-on-one tutoring experience. For instance, imagine a student who is struggling with mathematics. They can interact with an AI-powered math tutor that assesses their understanding of key concepts. The tutor identifies areas of weakness and provides step-by-step explanations and practice problems to strengthen the student's mathematical skills. This personalized assistance helps the student gain confidence and develop a deeper understanding of mathematical principles. The integration of AI-powered intelligent tutoring systems in education has had a significant impact on student learning outcomes. Several researchers have begun to develop adaptive learning systems using AI technologies. For instance, Pai et al. (2020) proposed an intelligent tutoring system (ITS) to help fifth-grade students learn the mathematical unit of multiplication and division. Their study found that the ITS not only improved students' mathematics learning performance but also increased their learning motivation. These findings highlight the potential of AI in addressing individual learning needs and promoting academic success. This evidence supports the effectiveness of AI in enhancing learning outcomes and emphasizes the importance of incorporating AI technologies in educational settings.

Access to Organized Information

AI empowers students by providing them with easy access to organized and diverse information. Through AI-powered search engines and educational platforms, students can instantly retrieve relevant educational resources, scholarly articles, and interactive videos. For instance, let's consider a student researching a historical event. They can utilize an AI-based search engine that goes beyond retrieving relevant articles. This AI-powered tool also summarizes key points, offers related resources, and suggests additional readings, all in one place. By leveraging the capabilities of AI, the search engine streamlines the research process, saving the student time and enhancing the overall efficiency of their research. The impact of AI in facilitating information access for students is significant. This accessibility empowers students to delve into various topics, explore different perspectives, and deepen their understanding of subjects.

Enhanced Support for Students with Special Needs

AI technologies have a transformative impact on students with special needs, providing personalized attention and tailored instruction at their own pace. These technologies, equipped with AI capabilities, offer valuable assistance to students with visual impairments or learning disabilities. For example, consider a visually impaired student navigating through digital textbooks. An AI-powered virtual assistant serves as a valuable resource by converting text to speech and providing audio descriptions of visual content. This advanced technology ensures equal access to educational materials, enabling the student to engage with the same content as their peers. The positive impact of AI in supporting students with special needs and promoting inclusive education has been widely recognized. It enables personalized attention and fosters an inclusive learning environment that caters to the diverse needs of students.

Immersive and Interactive Learning

AI technologies such as virtual reality (VR) and augmented reality (AR) have revolutionized education by providing immersive and interactive learning experiences. Students can engage with course material in practical and meaningful ways, leading to a deeper understanding and improved retention of knowledge. In the field of science, for example, AR applications enable students to visualize complex biological structures and conduct virtual experiments. By overlaying digital elements onto the real world, AR offers a hands-on experience where students can explore and manipulate 3D models of cells, organs, and chemical reactions. This interactive learning environment enhances their comprehension of scientific concepts. AI-powered immersive technologies expand beyond traditional classrooms, offering virtual field trips and simulated environments. Students can embark on digital adventures, explore historical landmarks, and engage in dynamic learning experiences that bring subjects to life. By actively participating in their education through these immersive technologies, students become more engaged and motivated.

Support for Teachers

AI technology plays a vital role in assisting educators, empowering them to enhance their teaching practices. One valuable application of AI is the use of chatbots, which can handle repetitive student inquiries, saving teachers valuable time for more meaningful interactions and instructional planning. For instance, imagine an online learning platform equipped with an AI-powered chatbot. This chatbot is capable of answering commonly asked questions, such as assignment deadlines or course requirements, instantly and accurately. By providing timely responses to these queries, the chatbot relieves teachers of the burden of addressing routine administrative tasks. As a result, educators can allocate their time and expertise towards facilitating engaging discussions, providing personalized feedback, and guiding students through challenging concepts. The integration of AI-powered chatbots in education not only streamlines administrative processes but also enhances the overall learning experience for students. Students can receive prompt assistance and clarification on important matters, ensuring that they stay on track and receive the support they need. By leveraging AI in this way, teachers can focus on their core responsibilities of fostering meaningful interactions and delivering high-quality instruction.

24/7 Access to Education

AI technology revolutionizes access to educational resources, providing students with flexibility to learn anytime and anywhere. Online learning platforms powered by AI enable students to tailor their learning experience according to their own pace and schedules, breaking free from constraints of traditional classrooms and geographical limitations. Consider a student living in a remote area with limited access to educational institutions. Thanks to AI-powered online courses, this student can enroll in various subjects and gain access to lectures, course materials, and interactive exercises. The convenience of learning from home empowers them to pursue education without the need to relocate or commute long distances. By leveraging AI, students in similar situations can develop a lifelong learning mindset, seizing opportunities to expand knowledge and skills. The flexibility provided by AI-enabled learning platforms allows them to balance education with other commitments, such as work or family responsibilities. This level of accessibility opens doors for individuals who may have previously faced barriers to education, empowering them to pursue their goals. Furthermore, the convenience and flexibility of AI-enabled learning extend beyond remote areas. Students with diverse lifestyles and circumstances, such as working professionals or individuals with disabilities, can also benefit greatly from the accessibility provided by AI. They can access educational resources at their own convenience, fitting learning around their unique schedules and needs.

Data-Driven Decision-Making

AI plays a crucial role in facilitating data-driven decision-making for educational institutions, offering valuable insights through advanced data analysis. By examining patterns in student performance, AI enables administrators to identify areas of improvement in curriculum design, teaching methodologies, and resource allocation, leading to evidence-based decision-making. Consider the experience of school administrators who leverage AI analytics tools to enhance educational practices. By harnessing the power of AI, these administrators can analyze student achievement trends, identify potential gaps in learning outcomes, and allocate resources effectively to address specific areas of improvement. This data-driven approach ensures that interventions and improvements are targeted, resulting in continuous enhancement of the educational experience. For instance, let's imagine a school where administrators notice a decline in math proficiency among a certain group of students. By utilizing AI analytics, they can identify the specific topics or concepts that students struggle with the most. Armed with this information, administrators can design targeted interventions, such as additional tutoring or tailored instructional materials, to address the identified gaps and improve student performance in mathematics. Furthermore, AI analytics can provide valuable insights into the effectiveness of teaching methodologies. By analyzing data on student engagement, assessment results, and learning outcomes, administrators can identify which teaching approaches yield the best results. This information allows them to refine instructional strategies, ensuring that students receive the most effective and impactful education possible.

Continuous Learning and Improvement

AI promotes continuous learning and growth for both educators and students, providing valuable tools to enhance their knowledge and skills. By leveraging AI resources, teachers can stay updated with the latest educational research, instructional techniques, and relevant materials. Similarly, students can access supplementary learning resources and receive personalized recommendations to expand their learning journey. Consider how AI supports professional development for educators. AI-powered programs offer tailored resources and personalized feedback to help teachers enhance their teaching strategies. These programs analyze teaching styles, provide targeted suggestions for improvement, and offer relevant resources. This empowers teachers to continuously enhance their instructional practices and improve learning outcomes. AI also benefits students by providing personalized recommendations based on their performance and interests. For example, a student excelling in science may receive tailored recommendations for advanced readings, online courses, or research opportunities. This personalized approach encourages students to explore their passions and fosters a lifelong love for learning. Moreover, AI platforms provide students with access to interactive learning experiences. Virtual laboratories and simulations enable students to engage in hands-on experiments and practical exercises, even when physical resources are limited. These immersive experiences deepen students' understanding of complex concepts and promote active participation in the learning process.

Conclusion

The integration of AI in education offers a myriad of benefits that optimize the learning experience for students and empower teachers to deliver personalized instruction. The Benefits of AI in Education span a wide range, from personalized learning to immersive experiences and efficient assessment. These AI technologies enhance engagement, accessibility, and educational outcomes, revolutionizing the way students learn and teachers instruct. By embracing AI in education, institutions can unlock the full potential of learners, fostering a dynamic and inclusive learning environment that prepares students for success in the AI-driven world of tomorrow. The ongoing advancements in AI will continue to shape the future of education, facilitating lifelong learning and continuous improvement for all stakeholders involved.

- 1) Implementing AI technologies into learning increases students' chances to get a better job because they are able to be more successful than others.
- A) True B) False C) Not stated

- 2) AI influences not only academic performance, but also mentality and psychological improvement.
A) True B) False C) Not stated
- 3) AI devices are necessary, but too expensive to be available for everyone.
A) True B) False C) Not stated
- 4) AI technologies should be used only at schools, not at home.
A) True B) False C) Not stated
- 5) Learning processes should combine AI technologies and teachers' involvement to improve students' performance.
A) True B) False C) Not stated

3. (5 points) Unscramble the words and write them. All of them are connected with technologies. You can use every letter only ONE time.

- 1) ierymcerbc
- 2) krhoaburehtg
- 3) norerctrucupcy
- 4) gwenonktri
- 5) tolhaigrm

4. (10 points) There are 10 beginnings of small dialogues. Complete them. Choose the best answer for each situation from the list.

Each item must be entered in a separate field. 10 items = 10 fields in total.

- 1) — Do we have any changes in numbers?
— Not, really. They are the same, ____ .
 - 2) — I'm fed up with all this mess! Who did it?
— So am I. Fortunately, the bathroom is ____ .
 - 3) — I wish you were healthy.
— Thanks! And be sure: I'm ____ .
 - 4) — What's the noise?
— She's sorting her ____ .
 - 5) — Rodents can sleep all day.
— Really? ____ .
 - 6) — The paper is ____ .
— Let's go and eat out.
 - 7) — Can you lend me some dollars? I'm ____ .
— No problem, I'll just withdraw the money.
 - 8) — I can't predict the consequences of that.
— Yep, it may ____ .
 - 9) — What are you doing here? What about your disease?
— I'll never miss your party! ____ , you know.
 - 10) — No cheating!
— Don't remind me! I know: ____ .
- A) done and dusted
 - B) live and learn
 - C) fair and square
 - D) give or take
 - E) high and dry
 - F) odds and ends
 - G) make or break
 - H) neat and tidy
 - I) rain or shine
 - J) safe and sound

5. (5 points) Complete the sentences with ONE missing word.

- 1) Being known as «The Lady with the ____ » she was one of the most famous women who rescued people's lives by using her wonderful skills of nursing during the Crimea War.
- 2) «On the Origin of ____ », written by one of the most influential naturalists (who was actually born in England), remains one of the basic bricks that build the history of biological sciences.

- 3) Thanks to its breathtaking views, high mountains, Mountain Railway and amazing castles, _____ National Park, which is located in Wales, attracts a lot of tourists who are aimed to take a look at the highest top of Wales.
- 4) _____ Cathedral founded by St Augustine in the 6th century is a UNESCO World Heritage site which attracts thousands of tourists annually.
- 5) Famous songs associated with the most essential Christian celebration are well-known among all generations. Some of the most prominent songs are «Silent Night», «We Wish You a Merry Christmas» and «Deck the Halls». They are called _____ .

6. (15 points) You are the leader of a school party of activists. You are going to take part in the conference where students propose new ideas how to improve their school life. Make a speech to promote your idea. Write 250–300 words, articles and contractions are counted as ONE word each.

Don't forget to write:

- the idea itself,
- why it is important,
- why people should choose your idea (arguments),
- how it is going to improve student's life (the result).