

تدريبات استيعاب مقروء حول الابتكار



تم تحميل هذا الملف من موقع المناهج الإماراتية

موقع المناهج ⇨ المناهج الإماراتية ⇨ الصف الثاني عشر المتقدم ⇨ لغة انجليزية ⇨ الفصل الأول ⇨ ملفات متنوعة ⇨ الملف

تاريخ إضافة الملف على موقع المناهج: 2026-10-31 14:36:47

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المزيد من مادة
لغة انجليزية:

إعداد: Adel Sherien

التواصل الاجتماعي بحسب الصف الثاني عشر المتقدم



صفحة المناهج
الإماراتية على
فيسبوك

الرياضيات

اللغة الانجليزية

اللغة العربية

التربية الاسلامية

المواد على تلغرام

المزيد من الملفات بحسب الصف الثاني عشر المتقدم والمادة لغة انجليزية في الفصل الأول

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Grade 12 Advanced – Reading Comprehension

Term 1 | UAE Curriculum

Prepared by: Sherien Adel

https://almanahj.com/ae/teacher_id=3353

Model 1: Pushing Boundaries Through Innovation | Total: 8 marks

Read the following passage, then choose the correct answer (A, B, C, or D).

Throughout history, progress has often depended on people who were willing to challenge existing limitations. From the invention of the printing press to the development of artificial intelligence, innovation has transformed the way people live, learn, and communicate. However, pushing boundaries does not simply mean creating something new. It also requires careful thinking, determination, and an understanding of possible consequences of change.

Consider the development of assistive technology. Engineers have designed smart devices that allow people with physical disabilities to perform tasks that were once extremely difficult. These inventions demonstrate how technology can improve independence and create opportunities for individuals who might otherwise face significant barriers.

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Nevertheless, innovation is rarely successful without obstacles. New ideas may be expensive, unfamiliar, or difficult to implement. Some people resist change because they are comfortable with traditional methods. Successful innovators respond to these challenges by testing their ideas, learning from failure, and improving their designs. Their experiences show that progress is not always a straight path; it is often the result of patience, collaboration, and a willingness to reconsider previous assumptions.

Ultimately, pushing boundaries is most valuable when innovation serves a meaningful purpose. True progress should not be measured only by how advanced a technology becomes, but also by how positively it affects people's lives.

Model 1: Questions 1 - 3

1. What is the main idea of the passage?

- A. Traditional methods are always more reliable than modern inventions.
- B. Innovation requires effort and should aim to improve people's lives.
- C. Technology is useful only for people with disabilities.
- D. Successful inventions are usually developed without difficulties.

2. The word "barriers" in paragraph 2 is closest in meaning to _____.

- A. opportunities
- B. achievements
- C. obstacles
- D. inventions

3. Why does the writer mention assistive technology?

- A. To illustrate how innovation can create greater independence.
- B. To explain why engineers prefer traditional designs.
- C. To show that technological inventions are always inexpensive.
- D. To demonstrate that disabilities prevent people from learning.

Model 1: Questions 4 - 6

4. According to the passage, why might people resist new ideas?

- A. They have already tested every possible invention.
- B. They believe collaboration is unnecessary.
- C. They are unwilling to use any technology.
- D. They feel comfortable with familiar methods.

5. What can be inferred about failure in the innovation process?

- A. It proves that an idea should immediately be abandoned.
- B. It can provide information that helps improve an idea.
- C. It prevents people from becoming successful innovators.
- D. It occurs only when people lack technological knowledge.

6. Which quality is most important for overcoming innovation challenges, according to the passage?

- A. Avoiding unfamiliar situations.
- B. Depending entirely on other people's decisions.
- C. Showing patience and learning from experience.
- D. Completing projects without testing them.

Model 1: Questions 7 - 8

7. Which statement best reflects the writer's perspective?

- A. Innovation is valuable when it produces meaningful benefits.
- B. The newest technology is always the most useful.
- C. Progress should be judged only by financial success.
- D. People should avoid changing established systems.

8. Which of the following is the best title for the passage?

- A. Why Traditional Methods Never Change
- B. The Cost of Modern Technology
- C. The History of Communication Devices
- D. Innovation: Beyond Limits, Towards Progress

Read the following passage, then choose the correct answer (A, B, C, or D).

Lina disagreed with abandoning their original goal. Instead, she encouraged the team to examine the robot's sensors, review their programming, and record every unsuccessful attempt. After several experiments, they discovered that the system needed more varied training data. They collected additional images under different lighting conditions and adjusted the program accordingly.

On competition day, the robot did not perform perfectly, but it completed more tasks than it had during any previous test. The team did not win first place, yet the judges praised their problem-solving process and their ability to explain what they had learned. For Lina, the most important achievement was not a trophy. She had discovered that resilience involves adapting to difficulties rather than pretending they do not exist. She also understood that meaningful progress often comes from working together and treating setbacks as opportunities to learn.

Model 2: Questions 1 – 3

1. What was the team's initial problem?

- A. The judges refused to examine their robot.
- B. The team had no experience with programming.
- C. The robot struggled to recognize objects in different lighting conditions.
- D. The competition was cancelled unexpectedly.

2. The word “abandoning” in paragraph 1 is closest in meaning to _____.

- A. giving up
- B. improving
- C. explaining
- D. protecting

3. What did the team discover after conducting several experiments?

- A. The robot needed a completely different purpose.
- B. The judges had provided incorrect instructions.
- C. The project could not be completed by students.
- D. The system required more varied training data.

6. What can be inferred about resilience from the passage?

4. What does Lina's approach to leadership suggest?

A. Leaders should make every decision without consulting others.

B. Effective leaders encourage teamwork and shared problem-solving.

C. Leaders should avoid discussing unsuccessful attempts.

D. Effective leadership depends mainly on winning competitions.

5. Why did the judges praise the team despite its failure to win first place?

A. The robot completed every task perfectly.

B. The team spent more money than its competitors.

C. The team demonstrated strong problem-solving and reflection.

D. Lina refused to change the original design.

6. What can be inferred about resilience from the passage?

A. It includes adapting strategies when difficulties arise.

B. It means never experiencing disappointment.

C. It requires achieving the highest position in every competition.

D. It involves ignoring advice from other people.

Model 2: Questions 7 – 8

7. Which statement best describes Lina's development?

- A. She became less interested in scientific challenges.
- B. She learned that competition is more important than cooperation.
- C. She realized that unsuccessful attempts should remain unexamined.
- D. She developed a deeper understanding of leadership and perseverance.

8. Which is the most suitable title for the passage?

- A. Winning at Any Cost
- B. Learning to Rise Above Setbacks
- C. The Disadvantages of Robotics
- D. Why Team Projects Should Be Avoided

Model 3: Artificial Intelligence and Human Responsibility | Total: 8 marks

Read the following passage, then choose the correct answer (A, B, C, or D).

Artificial intelligence is becoming increasingly common in education, healthcare, transportation, and business. Students can use intelligent learning platforms to receive immediate feedback, while doctors may use computer systems to identify patterns in medical images. These developments offer exciting possibilities, but they also raise important questions about accuracy, fairness, and responsibility.

In education, for example, AI-powered applications can adapt exercises to a learner's level. A student who struggles with a particular grammar rule may receive additional practice, while another learner can move on to more challenging material. This flexibility can make learning more efficient. However, technology cannot automatically understand every student's emotions, family circumstances, or personal motivations. Teachers still play an essential role in providing encouragement, interpreting difficulties, and creating meaningful relationships with learners.

Another concern is the information used to train AI systems. If the data contains unfair assumptions or fails to represent different groups of people, the system may produce biased results. In addition, users may receive incorrect information if they accept computer-generated answers without checking them. Therefore, critical thinking remains essential in a world where information can be produced within seconds.

The most responsible approach is neither to reject artificial intelligence completely nor to trust it without question. Instead, individuals and institutions should establish clear guidelines, protect personal information, and evaluate technological decisions carefully. AI can support human abilities, but people must remain accountable for how it is developed and used.

As technology continues to advance, digital literacy will become more important. The ability to ask questions, verify information, recognize limitations, and make ethical decisions will help people benefit from innovation while reducing its risks.

Model 3: Questions 1 – 3

1. What is the central idea of the passage?

- A. AI should replace teachers in all educational settings.
- B. Computer-generated information is always accurate.
- C. AI offers benefits, but its use requires critical thinking and responsibility.
- D. Technology creates more problems than it solves.

2. The word “adapt” in paragraph 2 is closest in meaning to _____.

- A. adjust
- B. remove
- C. memorize
- D. ignore

3. Why does the writer emphasize the role of teachers?

- A. Teachers can prevent students from using digital devices.
- B. Teachers are responsible for developing all AI systems.
- C. Teachers should avoid using technology in classrooms.
- D. Teachers provide emotional support and understand learners' needs.

Model 3: Questions 4 - 6

4. What may happen if an AI system is trained using biased data?

- A. It will automatically become more accurate.
- B. It may produce unfair or misleading results.
- C. It will stop collecting information.
- D. It will eliminate the need for human judgment.

5. What does the writer suggest users should do with AI-generated answers?

- A. Accept them immediately if they sound convincing.
- B. Share them without checking their sources.
- C. Evaluate their accuracy before relying on them.
- D. Avoid reading information from other sources.

6. Which of the following is an example of digital literacy?

- A. Checking the reliability of information before using it.
- B. Memorizing every answer produced by a computer.
- C. Allowing technology to make every decision.
- D. Avoiding all forms of online communication.

Model 3: Questions 7 – 8

7. What can be inferred about the future relationship between humans and AI?

- A. Human judgment will become completely unnecessary.
- B. AI will be useful only in healthcare.
- C. Ethical questions will disappear as technology improves.
- D. Human oversight will remain important as AI develops.

8. Which title best summarizes the passage?

- A. The End of Human Learning
- B. Artificial Intelligence: Benefits, Risks, and Responsibility
- C. Why Computers Cannot Process Information
- D. A World Without Digital Technology

Model 4: Young People as Agents of Change | Total: 8 marks

Read the following passage, then choose the correct answer (A, B, C, or D).

In a coastal town, a group of secondary-school students noticed that plastic waste was accumulating along the beach. The problem affected local wildlife, discouraged visitors, and threatened the fishing industry on which many families depended. Although the students were concerned, they initially believed that solving such a large problem was beyond their abilities.

Their science teacher suggested that they begin by gathering evidence rather than immediately proposing solutions. The students photographed polluted areas, interviewed local fishermen, and recorded the types of waste they found. Their findings revealed that disposable food containers and plastic bottles were among the most common items. They also discovered that some residents were unaware of how everyday habits contributed to the problem.

Using this information, the students developed a community campaign. They organized beach-cleaning events, created educational posters, and encouraged nearby shops to offer reusable alternatives. They also presented their findings to the local council and requested more public recycling facilities. At first, participation was limited, and some shop owners questioned whether the campaign would make any difference. The students responded by sharing evidence of the waste problem and explaining the possible economic and environmental benefits of reducing plastic use.

Over several months, more residents joined the initiative. The beach became cleaner, and some businesses began offering reusable bags. Nevertheless, the students recognized that occasional clean-up events could not solve the entire problem. Long-term progress would require better waste-management services, cooperation between businesses and residents, and changes in consumer behavior.

Their experience demonstrated that young people do not need to wait until they hold positions of authority to contribute to society. By investigating problems, communicating clearly, and building partnerships, they can influence decisions and encourage practical change. Their greatest achievement was not simply cleaning the beach; it was helping the community recognize its shared responsibility for protecting the environment.

Model 4: Questions 1 - 3

1. What first motivated the students to take action?

- A. A request from an international organization.
- B. A competition organized by local businesses.
- C. A decision to become professional scientists.
- D. Their concern about plastic pollution on the beach.

2. Why did the teacher encourage the students to gather evidence first?

- A. To help them understand the problem before developing solutions.
- B. To delay the campaign until the following year.
- C. To prove that the residents were entirely responsible.
- D. To prevent them from contacting local businesses.

3. The word “initiative” in paragraph 4 is closest in meaning to _____.

- A. disagreement
- B. investigation
- C. organized effort
- D. financial loss

Model 4: Questions 4 - 6

4. What did the students learn from their investigation?
- A. Most pollution came from fishing boats alone.
 - B. Disposable containers and bottles were common types of waste.
 - C. Residents had already solved the recycling problem.
 - D. Plastic waste had no effect on local businesses.
5. How did the students respond when some shop owners doubted their campaign?
- A. They stopped organizing community activities.
 - B. They accused the businesses of causing every problem.
 - C. They avoided presenting their research findings.
 - D. They used evidence to explain the campaign's potential benefits.
6. Why were clean-up events alone insufficient, according to the passage?
- A. They attracted too many visitors to the town.
 - B. They prevented businesses from using reusable bags.
 - C. The problem also required lasting changes and better waste-management services.
 - D. They made residents less aware of environmental issues.

Model 4: Questions 7 - 8

7. What can be inferred about effective community change?

- A. It often depends on cooperation and sustained effort.
- B. It can succeed only when led by government officials.
- C. It requires young people to work without adult support.
- D. It usually produces immediate and permanent results.

8. Which title best expresses the message of the passage?

- A. Why Community Campaigns Usually Fail
- B. Small Actions, Shared Responsibility, Lasting Change
- C. The Economic Importance of Coastal Tourism
- D. The Disadvantages of Youth Participation

Answer Key – Teacher's Copy

Marking note: Each model contains 8 multiple-choice questions worth 1 mark each, for a total of 8 marks per model and 32 marks for the four models.

Model 1	Model 2	Model 3	Model 4
Q1: B	Q1: C	Q1: C	Q1: D
Q2: C	Q2: A	Q2: A	Q2: A
Q3: A	Q3: D	Q3: D	Q3: C
Q4: D	Q4: B	Q4: B	Q4: B
Q5: B	Q5: C	Q5: C	Q5: D
Q6: C	Q6: A	Q6: A	Q6: C
Q7: A	Q7: D	Q7: D	Q7: A
Q8: D	Q8: B	Q8: B	Q8: B