

REVIEW UNIT 11: SCIENCE AND TECHNOLOGY - TEST 1

Môn: Tiếng Anh – Lớp 8 Bộ sách: Global Success

Thời gian làm bài: 60 phút

A. LISTENING (2 points)

PART 1. Listen to the recording about important inventions and decide whether the statements are True (T) or False (F) according to what you have just heard . You will listen to the recording TWICE. (1.0 point)

(NB) Question 1. Agriculture helped people move from hunting to farming.

(NB) Question 2. The Romans were the first to invent the wheel.

(NB) Question 3. The compass was originally used to help people find direction at sea.

(NB) Question 4. The printing press allowed books to be produced more easily.

(NB) Question 5. The printing press played a role in the Protestant Reformation.

PART 2. You will hear a short conversation and circle the right answer (A, B, C, or D) for each of the questions according to what you have just heard. You will listen to the recording TWICE. (1.0 point)

(NB) Question 6. What subject can Elias the robot teach?

- A. Science
- B. Art
- C. Maths
- D. Music

(NB) Question 7. What can Elias do to make students enjoy learning?

- A. Tell jokes
- B. Dance

- C. Play games
- D. Sing

(NB) Question 8. Why is Elias a good robot for the classroom?

- A. It speaks only English
- B. It can ask questions at the right level
- C. It teaches better than teachers
- D. It learns from students

(NB) Question 9. What is one thing robot teachers cannot do?

- A. Dance for students
- B. Teach languages
- C. Correct students' answers
- D. Teach good behavior

(TH) Question 10. What is the main idea of the conversation?

- A. Robots are replacing human teachers soon
- B. Robots like Elias are better than humans in every way
- C. Robots can support learning but cannot replace human teachers completely
- D. Students learn faster with robots

B. KNOWLEDGE OF LANGUAGE (1.6 points)

PART 1: Read the following advertisement/ announcement and mark the letter A, B, C and D on your answer sheet to indicate the option that best fit each of the numbered blanks (0.8 point)

STAY SMART WITH SCIENCE!

Science has changed our lives in many amazing ways. These days, we can talk to others using (11) _____ tools such as smartphones and tablets. Scientists and inventors have (12) _____ incredible devices to help us live and work more easily.

A teacher once said that technology (13) _____ learning more exciting and interactive. Students today often learn online or through apps.

He also mentioned that modern science (14) _____ students to work and explore in new ways. That's why many schools now teach STEM from an early age.

(NB) Question 11.

- A. electric
- B. digital
- C. chemical
- D. physical

(NB) Question 12.

A. discovered B. explored C. created D. looked

(NB) Question 13.

A. makes B. made C. will make D. is making

(TH) Question 14.

A. taught B. teaches C. allows D. allowed

PART 2: Read the following leaflet and mark the letter A, B, C or D on your answer sheet to indicate the option that best fits each of the numbered blanks (0.8 point)

SCIENCE FOR STUDENTS – DISCOVERY WEEKEND!

Come and join the Discovery Weekend this Saturday at the Future Lab Exhibition!

It's the perfect place to experience new technology up close. From (15) _____ to face recognition machines, students can try out real inventions and learn how they work.

You'll also explore tools like (16) _____, which help users interact online in real time through screens and sound.

In the lab zone, the guide said that this new software (17) _____ very helpful for language learners.

At the end of the tour, many students said they (18) _____ how to use the robot teacher better after the session.

(NB) Question 15.

A. communication
B. digital connection
C. science discovery
D. eye-tracking

(NB) Question 16.

A. face recognition
B. fingerprint scanner

C. experiment
D. video conferencing

(TH) Question 17.

A. is B. was C. being D. be

(TH) Question 18.

A. would understand
B. will understand
C. would feel
D. will feel

C. READING (3 points)

PART 1. Read the following passage and mark the letter A, B, C, or D on your answer sheet to indicate the correct answer to each of the following questions from 19 to 24. (1.2 points)

The Importance of Science Education in Schools

Why should we teach science to children in schools? Why do many schools focus on STEM subjects like science, technology, engineering, and mathematics? One clear reason is that children interact with science and technology every day. Teaching science helps them understand the role these fields play in their daily lives.

When children learn science, they also develop the ability to think critically and search for evidence-based answers. They learn to give reasons for what they observe and build logical explanations.

In addition, science education helps students improve their problem-solving skills and analytical thinking. These are useful in both academic settings and real-life situations.

These skills will play a big part in shaping their future, whether in education or the workplace. Moreover, if students start learning science early, they are more likely to develop curiosity and interest in science-related fields. They may also be more prepared to get involved in future careers related to science, research, or innovation.

(Adapted from workbook Global)

(NB) Question 19. Science education helps students _____.

A. ask questions randomly
B. think in a critical way
C. avoid using evidence
D. ignore real-life situations

(NB) Question 20. Learning science helps students become better _____.

- A. dancers
- B. speakers
- C. problem solvers
- D. writers

(NB) Question 21. Science encourages students to _____.

- A. copy answers
- B. memorize facts
- C. ask questions
- D. forget rules

(TH) Question 22. The word “explore” in paragraph 2 is closest in meaning to _____.

- A. travel
- B. discover
- C. borrow
- D. finish

(TH) Question 23. Which of the following is TRUE according to the passage?

- A. Science only helps students get high marks.
- B. Science has no connection to careers.
- C. Science education supports innovation.
- D. Science is not taught in modern schools.

(TH) Question 24. In which paragraph does the writer explain how science helps in daily life?

- A. Paragraph 1
- B. Paragraph 2
- C. Paragraph 3
- D. Paragraph 4

PART 2. Read the following passage and mark the letter A, B, C, D on your answer sheet to indicate the best answer to each of the following questions from 25 to 29. (1.0 point)

The Invention of the World Wide Web

Sir Tim Berners-Lee, an English computer scientist, invented the World Wide Web in 1989.

At first, he wanted to develop a web for scientists around the world to share information and the results of their experiments. At that time the Internet already existed. But he created a

way to use the Internet to link documents to each other. Soon, he turned it into a free space for people to share knowledge, communicate, and cooperate.

The World Wide Web allows people to get all kinds of information online. The information can be images, videos, or files. It has become a significant tool for everyone, from scientists, researchers to young students as well. Scientists and researchers can share their study results, students can use it for learning or doing research online. Businesses even use it to advertise their products and to do business. Everybody can use the World Wide Web to watch videos, communicate, and attend meetings.

(Adapted from workbook Global)

(TH) Question 25. What is the main idea of the passage?

- A. Scientists use the Web to do research.
- B. People use the Web to watch videos.
- C. Tim Berners-Lee created a useful invention.
- D. The Internet was created in 1989.

(NB) Question 26. Who invented the World Wide Web?

- A. A team of scientists
- B. Bill Gates
- C. Tim Berners-Lee
- D. Steve Jobs

(NB) Question 27. When was the World Wide Web invented?

- A. In 1980
- B. In 1990
- C. In 1985
- D. In 1989

(NB) Question 28. What can people do on the World Wide Web?

- A. Only read research articles
- B. Access information and communicate
- C. Visit the museum
- D. Create robots

(TH) Question 29. The word “*tool*” in paragraph 2 is closest in meaning to ____.

- A. problem
- B. machine
- C. device
- D. useful thing

PART 3. Read the following passage and mark the letter A, B, C, or D on your answer sheet to indicate the correct option that best fits each of the numbered blanks from 30 to 33. (0.8 point)

New Advances in Medicine and Technology

Many people suffer from acne and are afraid to use strong medicines. (30) _____, scientists have developed a safer way to treat acne using nano-bomb technology and natural ingredients. These tiny bombs attack bacteria without harming the skin.

In addition to medicine, technology is helping us in other areas. (31) _____, scientists are working on robots with a sense of touch. These robots have rubber skin on their fingers, which helps them feel pressure and temperature. (32) _____, these robots may be used in hospitals and schools. (33) _____, they could become more helpful in daily life than ever before.

(Adapted from workbook Global)

(TH) Question 30.

- A. Although many people are worried about acne
- B. Because natural products are hard to find
- C. While some medicines are still effective
- D. Since the new treatment is dangerous

(TH) Question 31.

- A. While robots today can dance and smile
- B. Since robots cannot be programmed
- C. If robots are placed in hospitals
- D. When robots fail to operate

(TH) Question 32.

- A. In the past
- B. As a result
- C. For example
- D. In the future

(TH) Question 33.

- A. By the way
- B. In addition
- C. On the other hand
- D. Because of this

D. WRITING (1.4 points)

PART 1 Mark the letter A, B, C or D on your answer sheet to indicate the best arrangement of utterances or sentences to make a meaningful exchange or text in each of the following questions from 34 to 35. (0.4 point)

(TH) Question 34:

- a. Great news for us.
- b. We'll have school clouds so we won't have to carry lots of books to school.
- c. Great!
- d. I won first prize in the essay contest.
- e. And I got an iPad so I can read books from the school clouds.
- f. Congratulations!

A. a – b – d – e – c – f
B. a – b – c – d – e – f
C. a – b – c – f – d – e
D. a – b – c – d – e – f

(TH) Question 35:

- a. Mai: What are school clouds?
- b. Nick: They are online storage spaces where students can keep and read books.
- c. Mai: Oh! That sounds convenient.
- d. Nick: Yes, they help reduce the need to carry heavy school bags.
- e. Mai: I wish we had school clouds at our school, too.
- f. Nick: Maybe you will soon!

A. a – b – c – d – e – f
B. b – a – d – c – e – f
C. a – b – c – d – e – f
D. a – c – b – d – f – e

(VD) PART 2 Writing a paragraph of 80 to 100 words to express your opinion about the idea below: "Robots will soon replace teachers at school.". You might use the following suggestions. (1.0 point)

USEFUL LANGUAGE:

- store much information
- follow programmed instructions
- do simple actions
- cannot help students behave
- cannot feel or understand emotions
- cannot replace human connection
- robots will never replace teachers

OUTLINE

Introduction:

State your opinion clearly (agree/disagree)

Body:

Reason 1: Robots cannot teach students behavior/morality

Reason 2: Robots lack emotions and understanding

Reason 3: Robots only follow what is programmed

Conclusion:

Restate your opinion or give a final thought

Writing sample

I disagree that robots will soon replace teachers at school. First, even though robots can store a lot of information, they cannot teach students how to behave correctly in different situations. Second, robots don't have emotions, so they cannot help students with problems or give personal support. Finally, robots only follow programmed instructions and cannot adjust their lessons to fit different learning styles. That's why I believe that robots can support teaching, but they will never fully replace human teachers.

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THE END.