**ĐỀ THAM KHẢO 4**

1. **LISTENING (2pt):**

***PART 1: You will hear a radio interview with a volcanologist. For each question, circle A,*** *B* ***or C.***

1. The idea that the moon affects volcanic eruptions is……………..

A. old B. recent C. impossible D. young

2. Mount Etna is called the “Friendly Giant” because

A. it is very big. B. everyone has heard of it.

C. it rarely kills people. D. it is very small.

3. Mount Etna has killed…………….

A. 73 people. B. 69 people. C. 3,000 people. D. 1,000 people

4. Mount Fuji in Japan is the………………….

A. 2nd volcano on that site. B. 1st volcano on that site.

C. 3rd volcano on that site. D. 4th volcano on that site.

 *(From listening exercise books)*

***PART 2:*** ***Listen and complete the sentences.***

1. Computer-driven driverless……………..will soon be filling roads in the near future.

2. Google and Tesla have been designing and ……………….. driverless cars.

3. There are many ………………… of driverless cars.

4. There would be many legal decisions to be ………………………..

 *(From baitapcuoituan.vn)*

**II. MULTIPLE CHOICE: (2.5PTS)**

1. Find the word which has **different sound** in the part underlined.

A. bury        B. evacuate       C. rescue        D. music

1. Today, technology is the ………………to connecting people.

A. key B. book C. field D. lock

1. The doctor said that this disease ………………. prevented by vaccine.

A. can B. can be C. could D. could be

1. Students should learn how to use……………….communication, such as hand gestures and eye contact to communicate successfully.

A. netiquette B. verbal C. non-verbal D. body

1. By 1970, Canada …………… to choose the maple tree with the leaves as its national icon.

A. has decided B. have decided C. chose D. had decided

1. All the windows of my house…………… in the last night’s storm.

A. broke B. had broken C. were broken D. had been broken

1. **What does the sign say?**

A. Children pay less than adults here.

|  |
| --- |
| **Under 12s****HALF PRICE** |

B. Children pay 12 £ here.

C. Children are free here.

D. Children must pay 6£ here.

1. If an earthquake suddenly …………… now, what …………… you do?

A. would occur - would B. occurred – would C. will occur - will D. occurs - will

1. Laura and Stella are talking about their school subjects.

– Laura: I think IT should be a necessary subject.

– Stella: ……………. IT is really useful for us.

A. I quite agree. B. You must be kidding.

C. I’m the opposite opinion. D. I don’t think that’s a good idea.

1. We prefer living in the countryside because it has fewer pollution than the city.

A. living B. because C. fewer D. than

**III. READING: (2.5PTS)**

1. **Read the passage carefully. Then choose the best answers*: (1,5pts)***

 E-mail and chat rooms let children communicate (1) …….. friends and family members. They can also allow children to connect with people that they have never (2) ….. in person. Knowing a little about each of these communication services can help parents keep children safer while online.

 Through e-mails, (3) ………… can easily send and receive messages. These messages may also have text, audio, and picture files attached. Signing up for an email account is simple because (4)………….. services offer them for free. Sometimes these messages contain viruses or other inappropriate content, so parents should warn children to be wary of email from (5) ……… people.

 Chat rooms are online hang – out spots where anyone can talk about anything current events, books and other common interests. Users often do not know each other on real life so it’s important that parents keep a close eye on the content of any (6) ……………

1. A. into B. with C. for D. through

2. A. met B. gone C. asked D. called

3. A. receivers B. messengers C. users D. partners

4. A. most B. almost C. all D. mostly

5. A. known B. well-known C. unpopular D. unknown

6. A. conversations B. meetings C. letters D. users

**B. Read the passage carefully and do the tasks. (1pt)**

There are many kinds of pollution. Air, water, and land can be polluted. Some pollution is caused by nature, such as foods, forest fires, and volcanoes. People are the major cause of pollution. We pollute the air with our cars, homes, and factories. Smoke from factories and car exhaust makes the air looks gray and smoggy. Some people cannot go outside when the air is very bad! We pollute the water by dumping garbage and Chemicals in the water. Plants and animals die because of the pollution in the water. We pollute the soil with Chemicals and garbage. We harm the land by cutting down trees in the forest, especially to build roads and new houses without careful planning and thinking.

The only way to save our environment is to think about pollution. How can you stop or limit pollution? How do we protect our environment? Conservation is one way to protect our environment. Conservation is the wise use and protection of our environment. We can control water pollution by not producing as much as waste and by proper disposal of sewage and garbage. We can take care of recreation land by cleaning up, after ourselves and not causing more pollution. Carpooling and public transportation will help reduce air pollution.

Recycling is a type of conservation. Recycling is reusing items over again or in a new way. Recycling can help us conserve our natural resources so they will last many more years.

**\*Choose the correct answers.**

1. According to the passage, pollution…………..

A. is always caused by humans. B. can only be caused by nature.

C. is mainly caused by humans. D. may sometimes cause natural disasters.

2. What kind of pollution may a car cause?

A. Air pollution B. Water pollution

C. Soil pollution D. Light pollution

3. How does recycling help the environment?

A. It expands landfills. B. It saves natural resources.

C. It increases water pollution. D. It causes air pollution.

4. What can we do to help reduce air pollution?

A. Walk or bike B. Carpool to work or school

C. Use public transport D. All of the above

**IV. DO AS DIRECTED (3pts)**

1. Many/tornado/were/buildings/by/the/destroyed/last/night. ***(Rearrange the words to make a complete sentence.)***
* ……………………………………………………………………………………………
1. “I’ll write to you later this week”, he said to Maria. ***(Rewrite using “Reported speech”)***
* He told Maria…………………………………………………………………………….
1. How/ you/ think/ people/ communicate/ in the future? ***(Make sentences from the cues given.)***
* ……………………………………………………………………………………………
1. You use compact light bulbs. You save a lot of energy. ***(*Combine two sentences using *If 1)***
* ……………………………………………………………………………………………
1. **Write a paragraph (50 - 60 words) to show your opinion about the roles of science and technology in our life.**

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**ANSWER KEY**

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 ***(From listening books)***

***PART 2:*** ***Listen and complete the sentences.***

1. Computer-driven driverless…**cars**..will soon be filling roads in the near future.

2. Google and Tesla have been designing and …**testing**.. driverless cars.

3. There are many .. **drawbacks**.... of driverless cars.

4. There would be many legal decisions to be …**made**..

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**II. MULTIPLE CHOICE: (2.5PTS)**

1. Find the word which has **different sound** in the part underlined.

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A. can B. can be C. could **D. could be**

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5. A. known B. well-known C.unpopular **D. unknown**

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**IV. DO AS DIRECTED (3pts)**

1. Many/tornado/were/buildings/by/the/destroyed/last/night. ***(Rearrange the words to make a complete sentence.)***
* **Many buildings were destroyed by the tornado last night.**
1. “I’ll write to you later this week”, he said to Maria. ***(Rewrite using “Reported speech”)***
* **He told Maria He told Maria he would write to her later that week.**
1. How/ you/ think/ people/ communicate/ in the future? ***(Make sentences from the cues given.)***
* **How do you think people will communicate in the future?**
1. You use compact light bulbs. You save a lot of energy. ***(*Combine two sentences using *If 1)***
* **If you use compact light bulbs, you will save a lot of energy.**
1. **Write a paragraph (50 - 60 words) to show your opinion about the roles of science and technology in our life.**

**STUDENTS’ ANSWER**

**TAPESCRIPTS:**

**PART 1:**

**A:** ... and I’d like to welcome Dr Joe Purdy of the Institute for Scientific Research ...
**B:** Thank you...
**A:** Dr Purdy, what would you say is the most striking thing about volcanoes?
**B:** Well, volcanoes are a very powerful natural phenomenon. And of course they can cause a village with hundreds of people to disappear in seconds. But for me, what is most amazing about them is the fact that they can erupt at any time, without any warning ...
**A:** Yes ...
**B:** But now scientists are working on the idea that volcanic eruptions are related to the moon ...
**A:** The moon? Can this be possible?
**B:** Well, they think that the moon may effect volcanic eruptions. For example, a volcano is more likely to erupt when there is a full moon. This is a very old idea, but it has never been tested until recently ...
**A:** I see ...
**A:** But not all volcanoes are dangerous killers ...
**B:** Really?
**A:** Take Mount Etna, in Sicily. Everybody has heard of Mount Etna. It’s called the "Friendly Giant", not because it’s big - though it is - but because its lava moves very slowly. This gives people time to escape. It’s not a killer volcano ... even though it looks terrible during its eruptions ...

**B:** Oh, I didn’t know that about its lava ...
**A:** It’s true. Also, people have recorded the deaths caused by Mount Etna for over three thousand years, and it has only killed seventy-three people in all that time. That’s not very many when you think about it, though there was a large eruption in sixteen sixty-nine ... but nobody recorded any deaths ...
**B:** Amazing...
**A:** Volcanoes are always changing ... for example, the cone, that’s the channel the lava flows through, can close up and a new cone can form. A new cone is actually a new volcano. On the site of Mount Fuji in Japan, there were two other volcanoes there before the present one ...
**B:** Amazing!
**A:** Mount Fuji is actually a very popular place for tourists, including the Japanese. It has about four hundred
thousand visitors a year. In the summer, there can be twenty thousand a day ...
**B:** And can you tell us about the word "volcano" itself?
**A:** Yes ... it comes from the Italian word "vulcano" which means "burning mountain", and that comes from the Latin "Vulcanus". All "burning mountains", like Vesuvius and Mount Fiji, were given this name, but the name "Vulcanus" was first given by the Romans to Mount Etna because they thought that it was the home of the god Vulcanus ...

**PART 2: Listen and complete the sentences.**

**DRIVERLESS CARS**

Have you ever seen a car without a driver? It sounds crazy, but these computer-driven driverless cars will soon be filling roads near you. Companies like Google and Tesla have been designing and testing these cars, and the technology is there – they just need to see if they’re value for money, work out insurance issues, and run final tests to check they can run alongside human-driven cars on the road. So how do they work? The cars have sensors all around which can detect other cars and obstacles in the road. Sensors on the wheels also help when parking, so the car knows how far it is from the kerb or other parked cars. Road signs are read by cameras, and satellite navigation systems are used so the car knows how to get to your destination. All you have to do is type in the address. Finally, a central computer system takes in all the information it receives from the sensors and cameras and processes this to work out when to accelerate, brake and steer. However, there are many drawbacks of driverless cars. Computers would have difficulties making ethical decisions; if a child ran into the road, would the computer choose to hit the child or swerve and potentially kill the car’s passengers? Moreover, I personally find driving fun – I’d miss never being behind the wheel myself. There would also be many legal decisions to be made – should children, or drunk people, be allowed in a driverless car by themselves? Or would there need to be a responsible adult with a driving license in the car at all times?