***Grade 5***

***Semester A***

***Unit 1 Week 5 Quiz***

Select the correct spelling of the choices in the sentences below.

Trying to surf / surfe can be difficult if you haven't practiced before.

If you work / worke hard, it will pay off.

When you are learneing / learning a new sport, be patient.

Which sentence is worded correctly and avoids using a run-on?

****A. The car had to swerve suddenly when they saw another car going through a red light; thankfully there was no accident.

****B. The car had to swerve suddenly they saw another car going through a red light, thankfully there was no accident.

****C. The car had to swerve suddenly when they saw another car, going through a red light thankfully there was no accident.

****D. The car had to swerve suddenly, when they saw another car going through a red light, thankfully there was no accident.

What choice is **most likely** one opinion that the two authors from “The Future of Transportation” and “The Rail Way” would agree on?

****A.More people would take high speed trains if they were available.

****B.More people would take trains if they were more affordable.

****C.More people would buy hybrid cars if traffic were not so heavy on freeways.

****D.More people would take public transportation if the price of fuel keeps decreasing.

According to the article “Getting from Here to There,” which choice **best** explains how engineers offered a counterpoint to public transportation?

****A. by offering high speed trains that travel even faster

****B. by making trains more energy efficient

****C. by creating more fuel efficient hybrid cars

****D. by making more roads so there's less traffic

Smart Cars for Clean Air

Cars take us to school, work, and anywhere else we want to go. We rely on cars to get us to a wide variety of places. The automobile has certainly made our lives easier. But there is also no doubt that cars are slowly killing our planet. It is clearly time to rethink how we use cars in our daily lives.

While cars have given us the convenience of easy travel, the pollution they cause is a serious consequence. The Environmental Protection Agency, or EPA, agrees. It says that gas-powered vehicles are the main cause of air pollution in large cities. Gas-powered vehicles include cars, trucks, and bulldozers. Scientists have talked about the dangerous effects of air pollution for decades. One way to stop this pollution is to buy hybrids. Hybrid cars run on both gasoline and electricity.

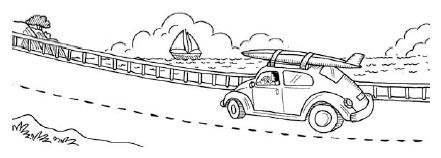
Normal vehicles run on gasoline, a fossil fuel. This is how they create air pollution. The fossil fuel is burned in the process of running a car. Then, pollutants are released into the air.

Hybrid vehicles currently coexist with gas-powered cars. Hybrids could significantly reduce pollution. These cars do still use gasoline. But they certainly use a lot less of it. Hybrid cars utilize a combination of gasoline and electricity. An electric motor turns the car’s wheels. Gasoline is used to generate the electricity. The car is recharged by plugging it into an electrical outlet.

We can reduce the amount of pollution from the use of gas. We can simply require everyone to drive a hybrid car. The government could make it a precondition that all new car owners buy hybrids. Drivers would not be allowed to buy gas-powered cars. We would also be conserving our fossil fuels for use on other machines.

Hybrid cars have other advantages, too. For example, they still use gasoline. So they can be refueled at any gas station. This way a driver is not left stranded with nowhere to charge the battery. Hybrids are not very different from our familiar gas-powered cars. They just have one major difference: they greatly improve the environment in which we live.

Hybrid cars are the best choice to reduce air pollution around the world. Car manufacturers should be required to stop selling the gas-guzzling cars of yesterday. Instead, they should sell hybrids at reasonable prices. This way, all people will be able to buy them. The future of our planet is at stake!



Read the sentence from the article.

Hybrid vehicles currently coexist with gas-powered cars.

What does coexist mean?

****A. are not used

****B. are not often

****C. are used together

****D. are used in the wrong way

The author believes that people should use cars that are better for the environment.

Which sentence supports this point of view?

****A. People rarely use their cars.

****B. Hybrid cars would reduce pollution.

****C. Gasoline is used to create electricity.

****D. It is not necessary to change driving habits.

Which is true for **both** gas-powered and hybrid cars?

****A. They run on gasoline only.

****B. They could reduce air pollution.

****C. They can be refueled at any gas station.

****D. They are recharged through an electrical outlet.

Fewer Cars for Clean Air

Cars are a major part of most of our lives. People count on their cars to do the things they need to do every day. But there is a downside to having so many cars on the road. As gasoline is burned, it releases pollution and harmful gases into the air. These get trapped in our atmosphere and increase the temperature of Earth. Higher temperatures make ice melt and ocean levels rise. This can create international problems for people who live on coastlines. Rising temperatures affect people, animals, and plants around the world. But the solution to our air pollution problem is simple: public transportation.

Public transportation is the use of buses, trains, subways, and ferries. These vehicles are meant to carry groups of passengers. Consider if 50 people rode a bus instead of driving their cars. That would eliminate a lot of gasoline and emissions!

Public transportation has other benefits, too. Imagine if this mode of travel were put into effect everywhere. It could greatly improve traffic problems on the streets. It would also save people money that they would be spending at the gas pump. Having fewer cars on the road also saves fossil fuels. These fossil fuels are not renewable resources. We cannot create more fuel once it is all gone.

Some people support the use of electric or hybrid cars as an alternative to gas-powered cars. I disagree. These vehicles still involve the use of gas in some cases. They are also expensive and are still being perfected. Public transportation has already been proven to work and to improve the quality of our environment.

Public transportation may require a slight change in lifestyle. But do not misjudge the amount of help it can do. Isn’t it worth it to ride a train or bus to keep the air you breathe clean? We owe it to the planet to try to protect and respect it. After all, Earth is the only home we have. Let’s do our part to improve our world.

Which sentence from the article **best** supports the author’s point of view about transportation?

****A. “Higher temperatures make ice melt and ocean levels rise.”

****B. “Rising temperatures affect people, animals, and plants around the world.”

****C. “Some people support the use of electric or hybrid cars as an alternative to gas-powered cars.”

****D. “Public transportation has already been proven to work and to improve the quality of our environment.”

Which sentence from the article shows that the author thinks hybrid cars are not a good solution?

****A. “Public transportation has other benefits, too.”

****B. “Having fewer cars on the road also saves fossil fuels.”

****C. “They are also expensive and are still being perfected.”

****D. “We owe it to the planet to try to protect and respect it.”

You have now read about the positive and negative effects of technology regarding transportation.

Which of the following statements would be conclusive after your reading?

****A. Increased technology used to create rail systems has decreased prices of transportation.

****B. Increased technology used to create buses has decreased people relying on public transportation.

****C. Increased technology used to create roads has increased people relying on public transportation.

****D. Increased technology used to create efficient cars has decreased pollution.

Choose the correct vocabulary word from each drop-down menu to complete the sentences.

There have been a lot of           in technology in the past 20 years.

The          in the report gave us enough information to make a decision.

The scientist used his           skills to determine how to solve the problem.