

CORE SET

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NAME

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사 용 매 뉴 얼

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회차당 6문제로 구성된 지속 학습용 수능 대비 교재

회차 번호	난도	회차당 문항수	총 문항수	기타
101-200	하	6	600	·101번에서 300번까지는 다음 단계에 대비할 수 있도록 서서히 난이도가 높아집니다. ·300번 이후는 전체적인 난이도가 유지됩니다.
201-300	중	6	600	
301-700	상	6	2400	

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유형별 약점을 보완하기 위한 집중 학습용 수능 대비 교재

구분	권 번호	난도	권당 문항수	총 문항수	기타
B 빈칸 추론	B1-B3	하	99	297	·빈칸 문제 모음입니다. ·고3은 수준에 따라 B5부터 선택 가능합니다.
	B4-B6	중	99	297	
	B7-B12	상	99	594	
Bx 빈칸 추론 (추가분)	Bx1-Bx2	하	99	198	·B1-B12의 문제와 겹치는 문항이 일부 있을 수 있습니다.
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	Bx5-Bx6	상	99	198	
G 어법	G1-G3	하	99	297	·고3은 수준에 따라 G4부터 선택 가능합니다. ·내신 대비 문법 교재로도 좋습니다.
	G4-G6	중	99	297	
	G7-G10	상	99	396	
V 어휘	V1-V2	하	99	198	·V1, V3, V5, V6, V7은 단어 선택형이고, V2, V4, V8은 단어 선택형과 틀린 단어 찾기가 섞여 있습니다.
	V3-V4	중	99	198	
	V5-V8	상	99	396	
A 순서 배열	A1	하	66	66	
	A2	중	66	66	
	A3-A5	상	99	297	
L 위치 찾기	L1	하	66	66	
	L2	중	66	66	
	L3-L5	상	99	297	
T 주제 추론	T1	하	66	66	·T3는 선택지가 우리말로 되어 있습니다.
	T2	중	66	66	
	T3	중	66	66	
	T4-T5	상	99	198	
U 무관한 문장	U1	하	66	66	
	U2	중	66	66	
	U3-U5	상	99	297	
H 제목 추론	H1	하	66	66	
	H2	중	66	66	
	H3-H4	상	99	198	
HM 함축 의미 추론	HM3-HM4	상	60	120	
S 문단 요약	S1	하	60	60	
	S2	중	60	60	
	S3	상	100	100	
2Q 장문 독해 (2문제 유형)	2Q1	하	100	100	·장문 독해 중 2문항 유형(41-42번)을 모아 놓았습니다.
	2Q2	중	100	100	
	2Q3	상	100	100	

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1) Professor Richard Wiseman has studied luck and found that "lucky people" share traits that tend to make them luckier than others. Among others, lucky people take advantage of chance occurrences that come their way. ① Instead of going through life with a goal in mind, they pay attention to what's happening around them, and therefore, are able to extract greater value from each situation. ② They're willing to pay attention to an announcement for a special event in their community, to notice a new person in their neighborhood, and even to see that a colleague is in need of some extra help. ③ Lucky people are also open to new opportunities and willing to try things outside of their usual experiences. ④ They're focused on a single task, blocking out everything else so much that they miss something important and unexpected. ⑤ They're more inclined to pick up a book on an unfamiliar subject, to travel to less familiar destinations, and to interact with people who are different from themselves.

2) The story of Athena becoming patron goddess of Athens concerns the struggle between the goddess and Poseidon. ① When the city of Athens was first built, both Poseidon and Athena competed for the honor of naming it. ② It was then agreed that whoever offered the most useful object for the people would become the patron of the city. ③ Poseidon struck the ground with his trident and produced a horse, whereas Athena presented an olive tree, a symbol of peace and plenty. ④ Athens became one of the world's most important cities that exported olive oil. ⑤ As the horse represented struggle and sorrow, the city was named after Athena.

*trident 삼지창(三枝槍)

3) Many researchers believe the human brain can't really perform two or more tasks simultaneously, as the word multitasking implies. ① Rather, they say, the mind shifts between tasks. ② And while mindless activities like walking and chewing gum aren't a problem, the brain doesn't do well when people double up on complex tasks, such as driving and talking on a cell phone. ③ In a study published a decade ago, researchers found that, contrary to popular belief, people are less efficient—not more—when they multitask. ④ In this respect, multitasking causes debate as to which gender handles multiple activities better. ⑤ That's because it takes more time to complete one of the tasks, especially as they become more complex, versus focusing on a single task.

4) Creatures that are particularly sensitive to a drop in barometric pressure, which happens before a storm, can “predict” a change in the weather. Birds, for example, sense the pressure change and fly lower to compensate. Low-flying birds, then, indicate that rain is coming. ① Similarly, houseflies detect this change and move indoors to avoid the downpour. ② And cats are known to groom themselves just before a storm. ③ In doing so, they are reacting to the static electricity that enters the air before a thunderstorm. ④ A thunderstorm is a storm in which there is thunder, lightning, and a lot of heavy rain. ⑤ The electricity separates their fur and makes them feel dirty, so they lick themselves to make the fur smooth and “clean” again.

5) Are you spending hours and hours in front of the computer? Many people suffer from addiction to the Internet and have a hard time paying attention to the important things around them. Do you want to stop going online so much? Well, limit your computer time. ① Make sure not to turn it on too many times a week. ② If you have a laptop, make sure to put it somewhere that you can remember but not somewhere that you see every day. ③ Try keeping the lid closed when you are not using it; when the computer is not looking at you, you are less likely to use it. ④ The library is a good place where you can use the Internet to search for some good books and magazines to read. ⑤ If you have a desktop computer, try not to go near it or put something over it like a sheet.

6) Parents learn the importance of expressing love in gender-specific ways. ① For example, girls often need more caring, but too much caring can make a boy feel as if you don't trust him. ② Boys need more trust, though too much trust for a girl may be interpreted as not caring enough. ③ Fathers mistakenly tend to give their daughters what boys need, while mothers mistakenly tend to give boys the support girls would need. ④ Parents must learn to create appropriate opportunities for children to feel and express their negative emotions. ⑤ Understanding how boys and girls have different needs helps parents be more successful in nurturing their children.

7) The French believed that odor played an important role in medicine and the war against disease. Most doctors applied the principles of the new science of diagnosis by smell. ① By inhaling the odors emitted from their patients, and from their breath and urine, doctors were able to reach a diagnosis of the patient's illness. ② By the same principles it was recognized that certain odors offered a protection against disease. ③ The French thought that it was reasonable for their government to take some steps on the health of the people. ④ Scents, it was believed, could actually keep people away from disease by cleaning the air. ⑤ By smelling strongly oneself, or inhaling a powerful odor from a smelling box, one could also protect oneself from diseases.

*urine 소변

8) Did you know the electric car is older than the gas-powered car? It is believed that the first electric car was invented between 1832 and 1839 by Scottish inventor Robert Anderson. ① The machine was nothing more than a carriage with an electric motor and non-rechargeable batteries. ② In 1835, American inventor Thomas Davenport is credited with building the first practical electric vehicle, a small locomotive. ③ Electric cars have several potential benefits as compared to conventional automobiles that include a significant reduction of air pollution. ④ This is the challenge today, the problem back then was battery storage. ⑤ It wasn't until French inventors Gaston Plante in 1865 and later Camille Faure in 1881 improved storage batteries for electric motors that electric vehicles had any real chance of being considered practical transportation.

9) The following examples are just part of a lot of anecdotal evidence that says sleep can stimulate creative thinking. ① Samuel Taylor Coleridge was inspired to write the epic poem "Kublai Khan" while asleep. ② Robert Louis Stevenson, the author of "Treasure Island" and "Dr. Jekyll and Mr. Hyde," wrote that he got many of his best stories from his dreams. ③ The periodic table of elements, the basis of modern chemistry, came to Dmitri Mendeleev after bedtime. ④ Even as a small boy Albert Einstein was self-sufficient and thoughtful in everything. ⑤ Friedrich Kekule solved the ring-like structure of carbon atoms in benzene by dreaming of twisting serpents.

10) When we pack for a trip, we are forced to confront our essential nature. ① An experienced traveler hides traveler's checks in three separate bags and memorizes his credit card numbers in case they are stolen. ② A workaholic packs an extra battery pack for her laptop computer and mobile phone. ③ And a serious sightseer brings three different travel guides for the same destination. ④ A travel guide will help you make your choices regarding what attractions and activities to explore, where to stay, and where to eat. ⑤ An unwary and unprepared traveler may find himself forgetting something as basic as a toothbrush or a bar of soap.

11) These days, e-mail is thought to be one of the most effective ways to communicate. However, it can be a highly flawed communication vehicle in a workplace setting. ① Some people use it inappropriately to avoid confrontation or to pass secrets among their friends. ② Some employees can say things in e-mail that they would never say to someone's face. ③ To make matters worse, e-mail is likely to be misunderstood. ④ E-mail is a system for transmitting messages and computer files electronically. ⑤ Because e-mail lacks the tone, inflection, and body language of the communicator, a message may be interpreted wrongly by the receiver.

*inflection 억양

12) In 1370, in a small town in southern Italy a strange and mysterious epidemic broke out for which the only cure seemed to be wild dancing and music. ① Occurring every summer for three hundred years, this disease was thought to be caused by the bite of a large, hairy Wolf Spider, which became known as a Tarantula. ② Thousands of different species of spiders range from the size of dinner plate to smaller than a period. ③ In the 1600s, people discovered that these spiders were virtually harmless. ④ Many then concluded that the whole phenomenon of Tarantism was simply an excuse for a wild party. ⑤ However, it is now suspected that a spider was involved and the real culprit was a European relative of the Redback or Widow Spider.

*epidemic 전염병

13) The biggest coins in the world weigh close to four tons! ① These coins were used on the island of Yap, in the Caroline Islands in the Pacific Ocean. ② The coins were made from limestone found in caves on other islands hundreds of miles away, and were valued according to the weight of the coin and the difficulty transporting it. ③ Coins are some standard by which to measure the value of all goods and services. ④ Many men lost their lives transporting these huge rocks back to Yap. ⑤ Even the small denominations of currency on Yap were pretty large and the smallest coins were about 23 centimeters across!

*denomination 액면 금액

14) According to a survey, 93 percent of Americans know that too much exposure to the sun is unhealthy. ① However, 81 percent of them still think they look good after having been out in the sun. ② With this reason, people love to go to the beaches for vacations and turn their faces to the sun. ③ If work or school keeps them from getting into the sun for real, they pretend to have gotten it by lying in tanning beds. ④ Nowadays the demand for the sun blocking items is increasing rapidly around the world. ⑤ About 30 million Americans are using tanning beds, and indoor-tanning is becoming a huge industry in America.

15) In the United States and other industrialized countries, early education on money management is taking place. ① In these countries, families and schools teach children how the economy works and how to manage their money. ② Parents in Germany demand that chores such as cleaning or mowing be done as a condition of receiving an allowance to give their children hands-on money management skills, ③ The National Center on Education and the Economy in the United States develops programs that help children learn economics. ④ Money management can mean gaining greater control over outgoings and incomings. ⑤ In Japan, schools focus on teaching students about real-life economics, such as the structure of the Japanese economy.

16) Indian consumers are generous to all kinds of sly advertisements. But tolerance has its limits. ① Citizens were angry about the latest newspaper ad for a chocolate, featuring a disputed region claimed by both India and Pakistan. ② Politicians blamed the advertisement for using a sensitive conflict that has cost thousands of lives and keeps the two nuclear-armed countries on the brink of war. ③ A lot of wars are still being waged in many parts around the world, where UN peace-keeping organizations are stationed. ④ India's Supreme Court demanded to know why someone thought it was clever to use the controversial region to advertise. ⑤ Company representatives said they knew nothing of the advertisement, blaming a local franchise instead.

*brink 직전; 가장자리

17) Hospitals are increasing infant security to prevent the kidnapping of babies. ① For example, hospitals are providing guards to patrol their halls and conducting periodic safety drills to keep all personnel alert. ② Also, hospitals are requiring babies to wear sophisticated identification bracelets. ③ These bracelets automatically alert an electronic security system if they are removed or taken beyond the baby's assigned unit. ④ These bracelets mean an alternative medical practice that many people rely on to keep the healthy balance in their body. ⑤ Furthermore, more hospitals are including the mother's thumbprint and the baby's footprint in medical records.

18) The desire to serve and help others is one major reason people volunteer and it can be rewarding to those who provide that service, but volunteers can benefit in other ways as well. ① Volunteering is a good way for seniors to exercise the skills that they have got through a lifetime of experiences. ② It's also a chance for volunteers to learn new skills, and it provides a possibility for a new career, a way to build new confidence, and a chance to fulfill longtime dreams and ambitions. ③ The Peace Corps is one of the strongest and most recognized international volunteer organizations. ④ And volunteering is a way to improve morale and attitude because while helping others, people can forget their own worries and simply feel good about what they are doing. ⑤ Actually, research has indicated that volunteer service can help foster better psychological well-being.

19) In 1966, the U.S. Supreme Court ruled in Miranda's case that people must be informed of their right to remain silent or have a lawyer present when being questioned by the police. This information is known as a Miranda warning. ① How does the Miranda warning apply to young people? ② One aspect of Miranda warnings is that young people can choose to give up their right to remain silent and talk to police freely, even confessing to crimes. ③ Some people have expressed concerns that juveniles questioned by police might be easily frightened into giving up their rights without understanding the consequences. ④ The number of serious crimes committed by juveniles has dropped since the 1990s. ⑤ These advocates for juveniles argue that young people need special protection during police questioning.

20) When a child is not willing to cooperate with a command, then it is time for a time out. At this point, a time out is an opportunity for the child to blow off steam and throw a tantrum. ① Children need to feel their resistance to life's inevitable limits and boundaries. ② By giving a time out, the parent has a chance to cool off and once again feel in control. ③ They need to push up against those limits and feel their resistance. ④ This pushing or resistance helps a child develop a strong sense of self. ⑤ Ultimately, all the positive characteristics of the true self emerge. First, the negative emotions under the resistance must be felt and released.

*tantrum 울분, 복받친 감정

21) Recently, one of the major changes in the U.S. college population is that there are fewer foreign students than several years ago but that more U.S. students are studying abroad. ① There are over half a million foreign students in colleges and universities in the United States. ② The total population of foreign students is down by 5~6 percent and the leading country of origin is India, followed by China, Korea, and Japan. ③ Meanwhile, there are 175,000 U.S. students who are studying abroad, though American students typically spend much less time abroad. ④ Studying abroad can be an eye-opening adventure, where learning extends to the world beyond the classroom walls. ⑤ That is to show that American students studying abroad are up by 7.5 percent.

22) If you cut yourself, your immune system triggers a chain of events to limit the damage. ① This occurs as part of our immune response, helping us to defeat bacterial infections which originate from the injury. ② A scraped knee or burnt finger accounts for the majority of household injuries. ③ Blood flow increases at the injury site, providing white blood cells that can neutralize any bacteria present and prevent infection. ④ Other proteins arrive to seal off the area and prevent germs from spreading. ⑤ The skin feels warm because your body increases the metabolic rate in the damaged tissue to speed up healing.

*neutralize 중화시키다

23) Doubtless, the capacity for contact has a determining influence on health. People with greater capacity for contact have a stronger immune system than those less able to establish relationships with others. ① One study directly measured individuals' sociability in relation to the efficiency of their immune systems. ② Questionnaires and interviews given to 334 people examined their sociability—the quantity and quality of their relationships in everyday life. ③ Researchers didn't know how to obtain a representative sample of the population. ④ These people were then exposed to a common cold virus. ⑤ It was found that the more sociable a person was, the less subject he was to contagion.

*contagion 감염

24) The length of time between scientists making significant discoveries and receiving a Nobel Foundation prize should be much reduced. Years ago, awards were given to scientists soon after they had made important discoveries. ① For example, Onnes discovered superconductivity in 1911 and got the prize in 1913. ② However, in more recent years the prizes have almost always been awarded long after the scientific work has been done. ③ After Nobel's death, due to various other hurdles, it took several years before the Nobel Foundation could be established. ④ Reines, who proved the existence of neutrinos 40 years ago, got the prize in 1995. ⑤ These long delays are unjustifiable, because those who die relatively young are unrewarded (the award is never given posthumously).

25) Carrots contain a high concentration of vitamin A, which is essential for maintaining eyesight—and a deficiency of vitamin A can cause blindness. ① But unfortunately, consuming carrots can do nothing to improve your vision. ② In fact, blue berries have positive effects on the improvement of vision, reduction of eye fatigue, nearsightedness, and night blindness. ③ The myth of the sight-improving carrot dates back to World War II. ④ British intelligence didn't want the Germans to know that they were using radar to detect their bombing raids, so they spread the rumor that they were feeding their pilots carrots to improve their vision. ⑤ This campaign of misinformation was so successful that people still believe in the mighty carrot today.

26) The prime advantage in giving up cigarettes is that it gives recovering smokers a better chance of having good health. ① For example, it comes as a pleasant surprise to former smokers that coughing is not the most natural way of coming to consciousness every morning. ② They may wake, as usual, with their feet on an icy floor, but they go about the morning with a difference, ever so quietly, without sneeze. ③ They discover the joy of breathing deeply in the morning air and of tasting their food. ④ It is not unusual for former smokers to sharply gain twenty pounds or more. ⑤ Indeed, there is no guaranteeing for long life, but they are healthier, thanks in part, at least, to conquering their addiction to cigarette.

27) Snoring can affect both the social and physical intimacies of a relationship. ① Even if your snoring isn't disturbing your own sleep, it might be ruining your sleep partner's chance for a good night's rest. ② Sleep partners of heavy snorers awaken over twenty times per hour, which severely cuts into the quality and quantity of their sleep. ③ If untreated, snoring can cause major health problems such as heart disease, high blood pressure, and stroke. ④ Many partners of snorers decide to sleep in separate rooms, and the resulting lack of bedtime chatting and physical intimacy can lead to a strained relationship. ⑤ Snorers often become isolated and frustrated about the problem they seemingly have no control over.

28) The benefits of walking go well beyond physical health. ① More than any other activity, walking is a sure way to activate the brain, set thoughts in motion and calm our troubles. ② With just a few minutes' walk, the body begins to produce endorphins that reduce pain and stress and enhance memory and judgment. ③ Walking is inexpensive—all we need is a pair of shoes with sturdy heel support. ④ Walking also produces increased levels of serotonin that elevates feelings of well-being. ⑤ For these reasons, doctors recommend walking as a treatment for mild depression and anxiety.

29) Though cobwebs look fragile to our eyes, the webbing has an incredible strength. ① It is several times stronger than steel of the same thickness. ② For many years, scientists have been searching for a method to create larger fibers from spider webbing, in the same way that farmers extract cloth from the cocoon of silk worms. ③ Web-Spinning Spiders know when prey is trapped on their web by detecting the vibrations the line makes from their prey moving and trying to get free. ④ Now a team in Germany believes they have made a breakthrough by developing a technique for mimicking the way spiders process proteins into silk. ⑤ There could be a whole host of applications for such a material, from covering wounds to replacing environmentally-harmful plastics.

30) Some people exercise by "power walking," but now, walking can actually provide electrical power. Researchers have developed a knee-mounted electrical generator that turns walks into watts. ① The device, resembling a knee brace, harnesses power from part of the stride. ② One device on each leg can produce about five watts of electricity enough to run 10 cell phones. ③ Oil is no longer generally used for electric generation because of the instability of its price. ④ The generator could potentially power medical devices, and the power generated could be stored in batteries. ⑤ Harvesting energy from human movement, which has long been a dream of scientists, is no longer a dream.

31) Unsuccessful people habitually dress inappropriately. ① They arrive for job interviews without a tie or in running shoes. ② They come to dinner parties in jeans when everyone else is in suits, thinking they're making a fashion statement. ③ However, they're making a visual statement through their dress that they don't belong where they are, and that they have a contempt for other people. ④ Your dress is that of a gentleman, but your speech and behavior are those of a clown. ⑤ You can dress to show off what an outsider and a rebel you are in dinner parties—that's fine for teenagers and Hell's Angels.

**Hell's Angel 오토바이 폭주족

32) People seek out frightening situations like scary movies and haunted houses for different reasons. ① One reason is curiosity and a desire to learn to control their emotional reactions. ② When you move through a Halloween haunted house, for example, you know the threat isn't real, so you can practice feeling and managing your fear. ③ A second reason people seek out scary situations is to experience the opposite reaction that follows an experience of intense emotion. ④ We tend to remember things better if we feel a strong emotion when they happen. ⑤ After seeing a scary movie, many people feel more calm and peaceful.

33) In the early 1990s, the Soviet Space Agency was offering tickets for a visit to the Mir space station to anyone who could afford it. ① In preparation for the trip, he trained at the Gagarin Cosmonauts Training Center at Star City in Russia. ② Dennis Tito jumped at the chance for this once-in-a-lifetime experience. ③ Due to political and economic changes in the former Soviet Union, however, Tito's trip was postponed. ④ In 2001, Tito's dream finally came true when he paid a rumored \$20 million. ⑤ And he took off aboard a SOYUZ rocket to deliver supplies to the international Space Station.

34) Ideally, the family is a cooperative, trouble-free unit that shelters its members from the stresses of the outside world, but real families seldom achieve this ideal. ① Periodic conflicts are the rule, not the exception. ② Indeed, open disagreements and discussions are an excellent way of resolving the differences that inevitably develop among family members. ③ Families that avoid conflict by ignoring unpleasant subjects or situations are weaker, not stronger, for it. ④ The family system is very much in tune with the social and economic institutions of modern industrialized society. ⑤ As feelings of anger build, such families are likely to turn into an empty shell, in which family members carry out the obligations of their roles but without mutual love or understanding. Thus, an open airing of disagreements is an excellent way to manage family conflict and keep it within acceptable bounds.

35) The puffer fish are also called blowfish, swellfish, globefish, or balloonfish. ① They are named for their ability to inflate themselves to several times their normal size when threatened. ② They do this by rapidly swallowing water and retaining it in two-thirds of their stomachs. ③ They produce a powerful neurotoxin in their internal organs, making themselves a fatal meal for any predator. ④ Having no ribs and being equipped with stretchy collagen fibers in their skin, the puffer fish are able to balloon up to 300% of their original size. ⑤ When fully inflated, the fish have a formidable appearance that makes predators think twice about taking a bite.

36) Depending on how and when it is seen, the swallow can be a harbinger of either good or ill fortune. ① Perhaps inspired by the swallow's red-brown breast people initially related the swallow with the death of Christ. ② Thus, people who saw a swallow fly through their house considered it a portent of death. ③ Later, however, swallows began to be considered a good omen for the health of cattle and it was even believed that the presence of a swallow's nest in a cattle barn would ensure that the cow's milk would be free from infection. ④ Swallows adapted to hunting insects on the wing by developing a slender streamlined body, and long pointed wings, which allow great manoeuvrability and endurance, as well as frequent periods of gliding. ⑤ This may be due to the fact that swallows feed on the insects that could potentially infect cattle.

*manoeuvrability 기동성

37) One of the main problems of life in Russia is the small amount of living space that people have in their apartments. ① It is very unusual for a family to have a room that nobody sleeps in. ② A room that's too warm or too cool can disrupt comfortable sleep. ③ So, the idea of a "living room" or a "sitting room," as we call it in English, is a bit different in Russia. ④ Most people have a room with a sofa-bed that they open out in the evening to sleep on. ⑤ Some apartments even have the bed on tall legs with enough space for a sofa under it.

38) The mobile phone has brought a revolution of communication, but doctors point out it is also causing a health problem - with the thumb. ① Because of instant delivery and low charge, text messages have rapidly become one of the most popular means of communication among young people. ② However, the popularity of text messaging—known as "thumb culture"—is being blamed for the new health problem. ③ People who endlessly press the phone keypad too much and too quickly seem to develop pain with their thumbs. ④ Mobile phones allow users to do everything from sending e-mail to playing online games and even listening to music. ⑤ Health experts advise that to keep your thumbs healthy, the best way is to write less messages and do more physical exercise.

39) Many flight attendants say that air rage is a growing problem. ① Air rage happens when a passenger on a plane loses his or her reason and starts action violently during flight. ② It includes everything from throwing food at the crew to grabbing them or shouting at nearby passengers. ③ Though the exact cause of air rage is not known yet, the changes in air pressure are believed to trigger temporary psychological disorder. ④ Pilots are also trained to deal with a sudden breakdown in communications equipments. ⑤ Air rage is a serious problem that needs to be controlled for the safety of everyone on the plane because the offender may interfere with the plane's navigation.

40) Many youngsters allow themselves to measure the world only by what they see, hear, or read in television, internet, and films. ① When they completely adopt the standards created by mass media for body shape and appearance, they fall into the trap of never being satisfied with how their bodies look. ② Compared with the media standards, they are too fat or too thin, or too short or too tall. ③ If the media were more careful in choosing programs, more teenagers could learn necessary things for their future job. ④ As a result, they end up feeling dissatisfied with themselves and many people around them. ⑤ Since they feel they have parts of the bodies they don't like, these parts become their enemies, so they are subject to hate their whole body, and thus even their own self.

41) During experiments conducted in 1962 at the University of Michigan, scientists successfully extracted memory from one animal and transferred it to another. The experiment was conducted in the following manner. ① Over a period of time planarian worms were trained to behave in a particular way when exposed to light. ② These worms were then cut into pieces and fed to untrained planarians, and the untrained worms were put through the same learning paces as their predecessors. ③ The second batch of worms, those that had dined on the first, learned many times faster than the originals. ④ Of course, researchers discovered that different animals can remember on different levels, and that some animals have just the basic genetic memories in the DNA provided at birth. ⑤ The implication of this experiment is that memory can be transferred from one being to another somatically as well as experientially.

42) Fatigue is an early sign of mild dehydration, according to experts. ① Staying on top of your liquid intake will keep you fresh. ② Though you can get a third to a half of your daily water needs from food, you still require eight-plus cups of fluid to feel right. ③ A proper diet is one of the easiest ways to avoid fatigue, since our bodies need fuel to carry out important daily functions like digestion, blood circulation, and waste removal. ④ Make sure at least five of them are water. ⑤ And add a cup of water every time you drink beverages that drain body fluids, such as coffee or liquor.

*dehydration 탈수증

43) Many experts insist that bio-fuel can be an alternative option to solve the global energy crisis. But bio-fuel has triggered unexpected problems. ① With bio-fuel factories and gas stations increasing in great numbers, the price of corn is climbing very fast. ② In an effort to meet the national demand for bio-fuel, the amount of corn exports has decreased greatly. ③ As a result, Japanese factories that made corn products with American corn have reduced the portion of corn in their products and raised their price. ④ Fortunately, it is estimated that bio-fuel is decreasing the consumption of fossil fuel like gasoline by degrees. ⑤ In Germany, the price of beer has risen. This is also because barley farms have switched to corn farms.

44) What is the longest vehicle in the world? Perhaps you think that some of the huge tractor-trailers are the longest that you've ever seen, but even the longest of those measures only about 52 feet long. ① Imagine more than eleven of those long tractor-trailers, one behind the other, then you will come up with the longest vehicle in the world. ② The world's longest tunnel is the New York City-West Delaware water-supply tunnel that runs 105 miles. ③ This is the U.S. Army Overland Train, a 572 foot-long truck that is used to transport rockets or other big objects. ④ This truck weighs 450 tons, and has 54 wheels and 4 engines. ⑤ Just imagine the gas bill when this monster has to fuel up its 7828-gallon tank!

45) More jobs can be done from home, so employers can recruit worldwide. ① Thanks to the Internet and companies, that assist in offshore hiring, an employer in New York can easily recruit the best talent in the world. ② And because all those people will be competing for a position, worldwide recruiting will lead to the oversupply of applicants. ③ The U.S. government is and politicians in America are concerned about the lack of American science and math graduates. ④ So U.S. companies are having difficulty finding numbers of employees they need. ⑤ However, that will not put U.S. companies at a disadvantage. There are so many science and math graduates in countries like India and China that U.S. companies can find most of the help they need abroad.

46) Wisdom tales can remind us of higher goals, and provide us with the inspiration to practice what we know on a daily basis. ① Spiritual and cultural traditions around the world have provided tales of how others have danced and stumbled along the life's path. ② Stories offer us doorways into new ways of seeing and perceiving the world. ③ To write a good story, it is necessary to read as many books as possible and to think critically and organize your thoughts. ④ The secret is that the story doors open inward. ⑤ When we draw the stories deep into our imaginations and make connections with our own lives, they become a part of us, like a wise advisor ready to remind us of another way of perceiving and responding to life.

47) Philip II of Spain suffered a horrible defeat because strong winds blew in favor of England. ① If he had had better luck, if the winds had blown differently, could he have conquered England? ② In fact, he would have certainly failed: He underestimated the determination of the angry English people, as well as the English queen herself. ③ They didn't want to change their faith, nor to live in a foreign-ruled country, so according to a historian, "Every man, high and low, rushed to offer arms to the Queen." ④ Philip was furious because his merchant ships were attacked by English pirates, who were often under the protection of the English navy. ⑤ Even if Philip's army had successfully invaded England, it would have ignited a long guerrilla resistance, and eventually, the English would have expelled the Spanish invaders.

48) Scientists are looking into the seas in search of medicines that may work better, with fewer side effects, than conventional drugs. ① The ocean has already given us wonderful drugs derived from salmon, omega-3 fish oils for heart disease and bone replacements from coral. ② Another marine medicine in the works is a promising new cancer drug derived from bacteria that live inside a moss-like sea creature. ③ Some fish farms tend to use several antibiotic drugs known to cause cancer to increase their production. ④ Unlike conventional drugs that kill cancer cells, the drug makes them go back to normal cells. ⑤ And some antibiotics being made from cells in fish may even be effective against antibiotic-resistant bacteria.

*antibiotic-resistant 항생제에 내성이 있는

49) We often see that two terms run together and contradict each other, causing a reaction that we can regard as humorous or inconsequential. Master writers, however, contrive to use the oxymoron in their prose with the intention of making a point, or really calling attention to a subject that can only be approached with a contradiction. ① St. Augustine chose a brief phrase to illustrate the doctrine of original sin: Felix culpa ("Oh, most fortunate disgrace"). ② When Nicholas of Cusa challenged the rigidity of Scholasticism, he summarized it as De docta ignorant ("learned ignorance"). ③ René Descartes's statement Cogito ergo sum ("I think, therefore I am") has become the most famous phrase in all of philosophy. ④ Immanuel Kant used some "colorful" phrases to convey his sense of beauty as "purposeful without purpose," and "a finality without end." ⑤ In his novel 1984, George Orwell created a unique, new expression, "Slavery is freedom."

*oxymoron 모순 어법

50) The ancient Chinese believed that in the features of the natural landscape one could glimpse the mathematically precise order of the universe and all the beneficial and harmful forces. ① All of these, they thought, were harmoniously connected according to the principle of the Way—Tao. ② This was not a question of metaphor; the geography did not represent good or evil, but it really was good or evil. ③ Under the circumstances, locating a building in the landscape became an important decision that could affect an individual and his family. ④ The most famous scenery in China is found in the karst landscapes consisting of eroded limestone in Yunnan province. ⑤ The result was fengshui, which means "wind and water," and it was a kind of cosmic surveying tool.

*Tao (도교의) 도

51) Folks all over the world have used common-sense methods of predicting the weather for generations. ① Farmers have noted that when maple leaves curl and turn bottom up in a blowing wind, rain is sure to follow. ② Woodsmen claim they can tell how rough a winter is going to be by the density of lichens on a nut tree. ③ Ranch hands learn that some plants, such as dandelions and clovers, can accurately forecast rain by folding before a storm. ④ Wildflower lovers know that the scarlet pimpernel, nicknamed the "poor man's weather glass," is a flower that closes tightly when rain is on the way. ⑤ For the people in the Fiji Islands, the shooting flower of a coral tree is regarded as the seasonal signal for planting their crop of yams.

*scarlet pimpernel 별봄맞이꽃

52) Some life extensionists suggest that therapeutic cloning and stem cell research could one day provide a way to generate cells, body parts, or even entire bodies that would be genetically identical to those of a prospective patient. ① In one experiment, a functioning dog's bladder was grown and proved to be viable after implantation. ② Recently, the US Department of Defense initiated a program to research the possibility of growing human body parts on mice. ③ Several artificial body parts made of plastic or even metal have already been successfully implanted. ④ Actually, a group of scientists succeeded in growing a human ear on the back of a mouse. ⑤ In one popular scenario, an individual's brain is transplanted from his or her aging body into a new, youthful body cloned from his or her own tissues.

*bladder 방광

53) Every adult should engage in half an hour of moderate physical activity at least five days per week to remain active and healthy, according to national health guidelines. ① However, about half the Australian population is not achieving this and, as a result, has increased the nation's risk of cardiovascular diseases, diabetes and obesity. ② According to an Australian institute specializing in the heart and diabetes, regular physical exercise such as riding a bike may be an answer. ③ A director of the institute says bike riding is the sensible choice to improve health for those not normally accustomed to training. ④ Studies also show that safety has been improved for both motorists and cyclists when bike lanes exist. ⑤ Bike riding appeals to a large number of people because it is affordable and can be a stepping stone for fitness.

*cardiovascular 심장혈관의

54) Though the left hemisphere of the brain is dominant for language and auditory processing, we know that the right hemisphere has important language-related functions, too. Indeed, from the point of view of the human voice, the right hemisphere is important. ① This is where most of our intonation-decoding abilities lie, so it lets us distinguish the voice of a happy person from that of a sad one. ② It also allows us to know the metaphorical meaning of a phrase rather than its literal one. ③ Sometimes, the literal meaning of a phrase is different from its equivalent phrase in another language. ④ Labelled our 'emotion processor,' it allows us to assign social and emotional significance to speech tone. ⑤ So people with right-hemisphere damage seem particularly unable to recognize fear in the voice.

55) Yoga is not common in the American classroom yet. ① But it is increasingly becoming part of the physical education curriculum nationwide, along with other nontraditional activities like weight training, cycling, and inline skating. ② For instance, recently in Chamberlain, South Dakota, a school nurse began teaching yoga to students at a Catholic boarding school for American Indians. ③ Yoga is getting famous nowadays and is being practiced by seniors as well as young people, as it is good for people of all ages. ④ In Seattle, Washington, 15 of 97 public schools use yoga as a warm-up exercise. ⑤ These schools have reported that yoga exercises increased students' academic performances as well as their behavior and physical health.

56) The function of a pinhole is to screen out all light rays except those coming in a perfectly straight line for the object, thus improving the sharpness of the image. ① After passing through the pinhole, the rays again spread out a little bit, and the size and brightness of the image formed will depend upon how far back the wall, screen, or film is from the pinhole. ② Nevertheless, the distance between movie screen and the viewer has no effect on the image clarity. ③ You can try this yourself in a completely darkened room with a pinhole in a window shade. ④ Simply by moving a piece of white cardboard first near the hole, and gradually backward, you can observe the image grow in size and also get dimmer as it becomes bigger. ⑤ It takes more light to make a bright, large image than a small image of the same brightness.

*pinhole (카메라 렌즈 등의) 작은 구멍, 바늘 구멍

57) Veterans Day is a national holiday in the United States. It is celebrated in most states on November 11 every year in honor of all the men and women who have served in the U.S. armed forces during the wartime. ① On this day, veterans parade, patriotic speeches are made, and a special ceremony takes place at Arlington National Cemetery. ② The day was originally called Armistice Day, and it commemorated the end of World War I, which was on November 11, 1918. ③ President Woodrow Wilson first proclaimed November 11 as Armistice Day in 1919. ④ He believed that by studying public administration governmental efficiency could be increased. ⑤ In 1954, the U.S. Congress changed the national holiday to Veterans Day to honor the veterans of all wars.

58) Opponents of the minimum wage contend that it is not the best way to combat poverty. ① They note that a high minimum wage causes unemployment, encourages teenagers to drop out of school, and prevents some unskilled workers from getting the on-the-job training they need. ② Many economists admit that it has some adverse effects, including unemployment, but they believe that these effects are small and that, all things considered, a higher minimum wage makes the poor better off. ③ Moreover, opponents of the minimum wage point out that it is a poorly targeted policy. ④ Not all minimum-wage workers are heads of households trying to help their families escape poverty; fewer than a third of minimum-wage earners are in families with incomes below the poverty line. ⑤ Many are teenagers from middle-class homes working at part-time jobs for extra spending money.

59) While women handle most of human care, there is a quietly growing group of unpaid caregivers in America who are men. ① According to a 2004 study, nearly 40 percent of the 44 million people in America who provided unpaid care to weak adults were men. ② That's about 17 million sons, sons-in-law, nephews, brothers, and husbands caring for loved ones in their spare time. ③ Nowadays a number of workplaces provide day-care centers for career women. ④ And it's not just their occasional weekend stop-by to help Dad move the old sofa he can no longer lift by himself. ⑤ America's caregiving men spend an average of nineteen hours a week tending to weak loved ones.

60) I feel as if I were attending a funeral whenever I visit a natural history museum. ① Motionless animals are standing as if they were alive and many people gaze at them through the glass with an indifferent, cold attitude. ② Every creature separated from its natural surroundings and brought into artificial environment makes an unpleasant impression. ③ Likewise, the nature presented through the natural sciences has a good deal of the lifeless character of those specimens in the museum. ④ Fortunately, some scientists have recently developed a new way of preserving specimens for a longer period. ⑤ It is nothing but a dead nature, carefully labeled and classified, and what scientists show us is no more than the nature related to some artificial system of human knowledge.

61) The famous expression, "Keep your friends close, but keep your enemies even closer," was exemplified well in Nelson Mandela's attempt to learn Afrikaans, the language of his enemy. ① Mandela first began to learn the language of the Afrikaners, the white South Africans, in the 1960's to the disapproval of his followers. ② They thought it was a waste of time, but Mandela felt that it was crucial for gaining insight into the world view of the Afrikaners. ③ By obtaining this perspective of how the Afrikaners looked at the world, he would be able to understand their strengths and weaknesses. ④ In many ways, Mandela's greatest contribution as president of the South Africans including the Afrikaners was the way he chose to leave the presidency. ⑤ This understanding of the Afrikaners proved to be invaluable later in successfully persuading them to accept his people's demands.

62) A decade or so ago, experts described a newborn as a primitive creature who reacted only by reflex. ① Most people thought that a new infant could see only blurry shadows, and that his other senses were undeveloped. ② They also insisted that all he required was nourishment, clean diapers, and a warm bassinet. ③ However, today psychologists studying newborn babies found that the babies have' remarkable learning ability and remarkable capacity to shape their environment. ④ Signs that a newborn baby is sick include loss of appetite, a high temperature (more than 39°C), red-or yellow-colored skin, loose stool, and difficult breathing. ⑤ In addition, according to the psychologists, they prefer animate things to inanimate ones and like people more than anything else.

63) Every animal has milk with the right balance of elements for that animal. ① Many problems can result from drinking the milk of other animals, including cows. ② For example, powerful growth hormones in cow's milk are designed to raise a calf from ninety pounds at birth to a thousand pounds at physical maturity two years later. ③ By comparison, a human infant is born at six to eight pounds and reaches physical maturity at one hundred to two hundred pounds twenty years later. ④ The ability to assimilate milk and milk products allows people to survive better than those who can not consume milk. ⑤ So the principal protein in cow's milk, casein, which is what a cow's metabolism needs for proper health, is not what humans properly need.

64) Nature has different ways of burying and thus preserving the past. ① One way is by a volcanic eruption, the most famous example of which is probably the great Roman town of Pompeii in southern Italy. ② The town was so quickly and completely covered with volcanic ashes from Mount Vesuvius in A.D. 79 that the people of the town hardly knew what was happening to them. ③ Ancient civilizations failed because they could not protect themselves against natural disasters. ④ A second way of preserving the past may be seen in another part of Europe, where the surface of the valleys of the Alps sank hundreds of years ago and was covered with water and peat. ⑤ This covering preserved the wooden houses, utensils, and weapons of the prehistoric Alpine lake dwellers.

*peat 토탄(土炭)

65) When you find a good source of pastured meat, freezers can help you buy it in large quantities. ① Buying meat in bulk—a quarter of a steer or a whole hog—is one way to eat well on a budget. ② Dedicated freezers are surprisingly inexpensive to buy and to operate, because they aren't opened nearly as often as the one in your refrigerator. ③ A freezer will also encourage you to buy produce in bulk at the height of its season, when it is most abundant and therefore cheapest. ④ When using a refrigerator to thaw frozen meat, allow enough time for the meat to become completely defrosted. ⑤ And freezing does not significantly diminish the nutritional value of produce.

66) The water cycle is all about storing water and moving water on, in, and above the earth. ① Although the atmosphere may not be a great storehouse of water, it is the superhighway used to move water around the globe. ② Evaporation and transpiration change liquid water into vapor, which ascends into the atmosphere due to rising air currents. ③ Air currents within a building are created by temperature differences between the building's exterior and interior. ④ Cooler temperatures above allow the vapor to condense into clouds and strong winds move these clouds around the world until the water falls as precipitation to complete the water cycle. ⑤ About 90 percent of the water in the atmosphere is produced by evaporation from water bodies, while the other 10 percent comes from transpiration from plants.

*transpiration 발산, 증산(작용) **precipitation 강수량

67) While many natural boundaries of animal life like seas exist to maintain a separation between ecosystems, man has the means to move across these barriers, carrying species from one ecosystem into another. ① Prior to the advent of rapid transportation modes, some of the species had never made contact with one another. ② The fundamental problem with this unprecedented contact of different species is that it poses a threat to biodiversity. ③ There are many critically endangered species and several of our most majestic creatures may not live due to climate change. ④ Having had no previous contact with the other species, the newly accessed species may be exposed to a disease for which it has not yet developed immunity. ⑤ New species introduced into existing ecosystems can destroy those defenseless ecosystems, confusing the ecological balance.

68) In the world of elks, natural selection favored individual males with larger antlers because the larger a male's antlers, the more likely he was to prevail against his rivals for reproductive access to females. ① Over millions of generations, this advantage led to a gradual increase in the size of elk antlers, and today the antlers on some males are almost five feet long. ② But whereas larger antlers help any given male gain an advantage over others, they give no similar advantage for male elks as a group. ③ Thus, if a male elk were born with half-sized antlers, he would be at a hopeless disadvantage in the competition for mating. ④ They are positively harmful, for larger antlers make it more difficult to escape from predators. ⑤ Once a pack of wolves chase a male elk with five-foot antlers into the woods, the elk is in trouble.

69) Although air-conditioning has increased daily comfort for people everywhere, its impact on the environment has not been so positive. ① First, air-conditioning units release polluting chemicals into the air, which contributes to global warming. ② Furthermore, running air-conditioning on a large scale requires enormous amounts of energy. ③ The burning of coal and oil to produce this energy also contributes to air pollution and thus, to global warming. ④ The rise of air-conditioning also allowed the creation of large malls with shops, walkways, and restaurants that are comfortable the year round. ⑤ According to experts, this global warming could result in dramatic changes in climates, rising ocean levels, and more violent storms in the years to come.

70) In recent years there has been increasing backlash against multiculturalism, particularly in Europe. ① Many European countries that once endorsed multicultural policies have altered course; they are limiting immigration and enforcing integration for new immigrants. ② For example, immigrants might be required to take courses in the language and history of their host nation. ③ Tests are designed to ensure that new immigrants are prepared to take on the cultural values of the host nation. ④ Multicultural policies celebrate the variety of cultural differences, sincerely encouraging the preservation of cultural identity. ⑤ It is assumed that such measures will help national identity become more congruent as immigrants leave their culture behind and adopt new values.

71) To the mouse and any smaller animal gravity presents practically no dangers. ① You can drop a mouse down a thousand-yard mine shaft; and, on arriving at the bottom, it gets a slight shock and walks away, provided that the ground is fairly soft. ② Small animals lose heat faster than larger ones do, because small animals have a large surface area to volume ratio. ③ For the resistance presented to movement by the air is proportional to the surface of the moving object. ④ Divide an animal's length, breadth, and height each by ten; its weight is reduced to a thousandth, but its surface only to a hundredth. ⑤ So the resistance to falling in the case of the small animal is relatively ten times greater than the driving force.

72) We learn by trial and error, not by trial and rightness. If we did things correctly every time, we would never have to change course, and we'd end up doing them with the same course. Indeed, most people don't change when they "see the light" but change when they "feel the heat." ① After the supertanker Exxon Valdez in Alaska broke open in the spring of 1989, thereby polluting the coast with millions of gallons of oil, the oil industry was forced to rethink and toughen up many of its safety standards regarding petroleum transport. ② The same thing happened after the accident at the Three Mile Island nuclear reactor and many safety standards were changed. ③ The explosion of the Challenger space shuttle caused astronauts to continue research with more caution and to re-evaluate the competition for space technology. ④ The nuclear accident at Chernobyl contaminated the tundra plants and radioactivity may still be contained in slow growing tundra plants for decades. ⑤ Similarly, the sinking of the Titanic led to the creation of the International Ice Patrol and legally mandated reports on iceberg conditions.

73) Whether to classify speech varieties as dialects of a language or separate languages can be controversial and the verdicts inconsistent. ① For instance, English and Serbo-Croatian each has two major variants—British and American English, and Serbian and Croatian, respectively—along with numerous lesser varieties. ② For political reasons, analyzing these varieties as “languages” or “dialects” yields inconsistent results. ③ British and American English, spoken by close political and military allies, are almost universally regarded as dialects of a single language. ④ On the other hand, the standard languages of Serbia and Croatia, which differ from each other to a similar extent as the dialects of English, are being treated by many linguists from the region as two distinct languages, largely because the two countries turned from being brotherly to being bitter enemies. ⑤ Like standard dialects, nonstandard dialects have a complete vocabulary, grammar, and syntax, but are not the beneficiaries of institutional support.

74) Nothing in the world can take the place of persistence in achieving your goal. There are some wonderful examples that illustrate this truth. ① Michelangelo had to endure seven years lying on his back on a scaffold to paint the Sistine Chapel. ② Inventor Chester Carlson pounded the streets for years before he could find backers for his “Xerox” photocopy machine. ③ Likewise, Louis Pasteur discovered the principle of the vaccine when he accidentally observed specimens with attenuated bacterial culture. ④ Famous novelist James Michener was turned down a number of times before he got his first work, *Tales of the South Pacific*, published. ⑤ Marathoner Joan Benoit underwent knee surgery only seventeen days before the U.S. Olympic Trials, but her perseverance enabled her not only to make the team, but also to win the first Olympic gold medal in her event.

*attenuate (바이러스 · 백신 등의) 독소를 약화시키다

75) Geothermal heat, generated inside the Earth, helps keep the temperature of the ground at a depth of several meters at a nearly constant temperature of about 10°C to 20°C. ① This constant temperature can be used to cool and heat buildings by using a heat pump. ② A heat pump contains a water-filled loop of pipe, which is buried to a depth where the temperature is nearly constant. ③ In summer, warm water from the building is pumped through the pipe down into the ground, since the underground temperature is lower than the air temperature. ④ However, far more use is made of geothermal energy for direct heat than any other source of energy. ⑤ The water cools and then is pumped back to the building where it absorbs more heat, and the cycle is repeated.

76) Some people read braille, a special alphabet invented for the blind, with their fingertips instead of their eyes. ① Braille letters are groups of little bumps (sometimes called dots), and they can be put on paper, in a book, or on a sign. ② Braille is named for Louis Braille (1809-1852), a blind science and music teacher. ③ He developed the dot system of printing and writing in the early 1800s when he was teaching in an institute for blind people. ④ Most visually impaired people are not totally blind, so they can read large print with a variety of magnifying glasses. ⑤ Braille is arranged in symbols called cells, each of which can show a letter of the alphabet, part of a word (such as -ed), or a number, depending on the position of the dots.

77) Once, women would have quit their jobs—or been forced to retire—when they became pregnant. ① Recently, however, companies and government agencies have become more family-friendly and provide generous benefits to employees who have babies and children. ② Now they are to take two or three months of maternity leave, then one month of childcare after giving birth to their child, before returning to their jobs. ③ Some companies also have flexible working hours or the option of working from home for mothers who need to take their children to school. ④ Most female workers want a job not only because of the monetary reward, but also because work itself is integral to personal development. ⑤ Companies want to retain good female employees, and keeping the employees by providing such benefits is more advantageous for them in the long term.

78) To solve our long-term energy needs, our society needs to move away from oil and focus on developing various alternative energy sources. ① Yet sometimes our government directs its efforts toward supporting increased oil production through a pricing policy. ② If oil is priced at lower levels by government, people will use more fuel than usual and producers will need to manufacture more oil. ③ This policy is geared toward perpetuating the myth that cheap oil will exist in perpetuity. ④ The drop in crude oil prices is a direct result of market reaction to the worldwide financial crisis. ⑤ However, the truth is that oil is currently underpriced compared to its fundamentals and oil reserves will be used up in about 40 years.

79) If you want to be a professional, look like a professional. I learned this in my first year of high school from my baseball coach. ① On our very first day of practice, we were all eager to begin hitting and throwing the baseball. ② But on that day, we spent the entire time learning the finer points of wearing the baseball uniform. ③ At the time, I thought it was a waste of time, but over the years, our dress set the tone for who we were and we took pride in our appearance. ④ Material of the uniform is yet another important deciding factor to help you purchase the right uniform. ⑤ That pride carried over to the baseball field and we consistently won championships and sent many players to college on athletic scholarships.

80) Some species of ants are "aphid farmers"—they tend aphids in a way similar to human farmers tending livestock. ① The ants protect the aphids from predators by patrolling the area where the aphids are feeding; if they encounter other insects, they sting or bite them until they leave or fall off the branch. ② As the aphids feed, they suck the plant juices out of the plant leaves and stems until the plant wilts and the juice no longer flows. ③ When the plant wilts, there is often insufficient water to carry the necessary calcium to the end of the new fruit. ④ The ants will then pick up the aphids and carry them to a new juicy stem where they can continue to feed and produce the honeydew that the ants eat. ⑤ At night, the ants will often carry the aphids to a safe place for the night and bring them back to a plant to feed in the morning.

*aphid 진딧물

81) Researchers at a university in America have come up with a novel and ingenious way to help kids stay trim and avoid childhood obesity. ① The simple trick they propose is to make toys heavier, thus requiring children to exert more effort during playtime, and burn more calories as a result. ② In their study, children played with specially adapted toys in which steel blocks had been inserted, which increased the weight of each toy by one-and-a-half kilograms. ③ Unaware that the toys were heavier, the children burned more calories than the other children who played with regular toys. ④ With the rising prevalence of obesity in children and its many adverse health effects, it is becoming recognized as a serious public health concern. ⑤ The study about weighted toys could lead to a revolution in the way kids exercise, and would also have the side effect of giving parents a chance to build their muscles while tidying up after their children.

82) In your rush to get to your vacation destination, you forget how much fun the actual journey can be. You can see a lot of the world without hurry, and your vacation experience can be a lot more memorable and adventurous. ① Walk along the back roads through the rural areas, and you will meet some great people along the way and enjoy the small towns. ② Go overland by bike, take the scenic route to your destination, and immerse yourself in the local culture along the way. ③ Take safety precautions in advance before leaving on a vacation, and you can avoid unpleasant experiences during travel. ④ Travel all over the world without flying: Take a ferry to see the Greek islands, hop on a train to explore Europe, or jump on a local bus to see Asia. ⑤ You'll see little towns and amazing people you would normally just fly over.

83) Many successful people have been tortured by anxiety, depression, and crushing self-doubt. ① Sir Isaac Newton, for example, is honored as one of the most important scientific minds in the history. ② Yet, he was plagued all his life by fear and melancholy so severe that many people simply thought him mad. ③ He was so paranoid that he hesitated for years before revealing some of his most significant scientific discoveries to the world. ④ His confidence in his own findings and his eagerness to continue on to new discoveries caused him to overcome hindrances from those who delayed his work. ⑤ However, by devoting himself to a higher purpose, a goal that eclipsed his own problems, he accomplished scientific breakthroughs.

84) In the civil court system, the best first step of any potential lawsuit is to try to work out your disagreement outside of court. ① An old-fashioned face-to-face conversation with your adversary is a good try. ② If you do come to an agreement by the face-to-face conversation, you should probably have it documented and each sign it with witnesses present. ③ If you've tried your own negotiation and gotten nowhere, then you might consider mediation. ④ Mediation is what diplomats do to prevent countries from going to war or to help countries at war find peace. ⑤ In mediation, you and your adversary come together with a neutral third party who tries to help you work out an agreement.

85) A particular smell can send a warning message to succeeding individuals when something happened to a predecessor. ① When a reindeer approaches a spot where one of their species has recently been frightened, it will flee as soon as it smells the scent excreted from the hoof glands of the frightened deer. ② And a smelly fluid extract of the crushed skin of a minnow will cause flight reaction in members of the same species. ③ Likewise, as for human beings, a skillful therapist said that she could clearly distinguish the smell of anger in patients at a distance of six feet or more. ④ One of the most frequently used methods was to make patients inhale the fragrances of essential oils to trigger pleasant memories. ⑤ Many other doctors also said that they prepared themselves when they detected the characteristic odor of emotionally unstable patients.

*minnow 연준모치(잉어과의 작은 물고기)

86) Whenever an error pops up, the usual response is "Jeez, another screw-up, what went wrong this time?" As a matter of fact, the whole history of discovery is filled with people who used erroneous assumptions and failed ideas as stepping stones to new ideas or discoveries. ① Christopher Columbus sailed across the Atlantic Ocean in 1492, hoping to find a route to India, and "discovered" the Americas. ② Johannes Kepler stumbled on the idea of interplanetary gravity because of assumptions that were right for the wrong reasons. ③ Freud had several big failures before he developed psychoanalysis, which postulates that the unconscious is a "primary process" consisting of symbolic and condensed thoughts. ④ Ezra Warner invented the can opener in 1858, making life a lot easier for people who had previously opened metal cans with hammers! ⑤ Thomas Edison experimented with thousands of different filaments without success in order to find a right light bulb.

*postulate 가정하다

87) Consider the following implication involving the role of social bonds and affection among group members. If strong bonds make even a single dissent less likely, the performance of groups and institutions will be impaired. ① A study of investment clubs showed that the worst-performing clubs were built on affective ties and were primarily social, while the best-performing clubs limited social connections and focused on making money. ② Dissent was far more frequent in the high-performing clubs. ③ The low performers usually voted unanimously, with little open debate. ④ As illustrated in the study, the high performers placed more importance on social bonds than the low performers, resulting in their high rate of success. ⑤ The central problem is that the voters in low-performing groups were trying to build social cohesion rather than to produce the highest returns.

88) If you are outside when the earth starts to shake, it would probably be safest to be in the middle of an empty parking lot. ① Little, if anything, could then drop on to you and hurt you. ② Try to get as far away as possible from a brick building—especially an old one. ③ If there are old brick buildings everywhere, then try to stand in a doorway of one of them with the hope that it will protect you from falling debris. ④ During the earthquake the safety of a brick building depends upon the strength of the mortar used; the stronger the mortar, the safer the building. ⑤ If you are inside when the shaking begins, stand in a doorway or crawl under a heavy piece of furniture like a dining table.

89) Do you want your kids to grow into responsible drivers? Then watch how you drive when they are in the back seat. ① Research at Bar-Ilan University, Israel, shows that not only do young children absorb your driving style, but also they are most influenced by parents of the same sex. ② So, fathers should be most careful with sons in the back seat, and mothers with daughters. ③ Compared to the amount of time daughters spend with their mothers, sons need to spend more time with their fathers. ④ By age 11, gender stereotypes are already emerging and affecting the attitudes of children towards driving. ⑤ Boys are drawn to speed and more likely to forgive traffic violations, while girls are drawn to stability and more likely to seek comfort.

90) One marketing strategy for getting attention from kids is to take everyday items and turn them into playthings, or what the industry calls “trans-toying.” Almost every single product can be a toy. ① Frito-Lay has come up with colored Cheetos, now available in a mystery color version. ② You have to eat them to see what color your mouth and tongue become. ③ And 3M has turned the Band-Aid into a wearable toy that looks like a tattoo for those kids who are still too young to get a real one. ④ Some people can be shocked at the young age many kids today receive their first tattoo. ⑤ Clothes are also turning into toys, with T-shirts and jeans decorated with funny stickers.

*Band-Aid 반창고

91) A tiger eats a large variety of animals, both large and small. Contrary to what legends would have us believe, however, it is not an infallible hunter—it often fails to make a kill. ① It may therefore prey on animals that are sick, young, or old to increase the chances of a successful hunt. ② And contrary to popular belief, tigers hardly ever claw or bite their prey to death. ③ Tigers, whose body parts are thought to have miraculous healing properties, are being pushed to the brink of extinction. ④ They only do so if their prey is small enough to kill with one bite through the neck. ⑤ Killing styles may vary from one tiger to another, but a tiger generally seizes its prey by the throat until it is dead, forcing it to the ground.

92) A good way to prevent spyware and adware from getting in your computer is to be careful what you download from the Internet. ① There are a few types of software that are particularly notorious for including spyware and adware. ② File-sharing programs used to trade music, free games, screen savers, and even smiley face packages have been a problem because many of them contain adware. ③ Computer firewalls put up barriers to keep any malicious programs from being downloaded without your knowledge when you are on the Internet. ④ Be aware of any product that claims to be free because it is likely to contain spyware and adware. ⑤ Many free programs you might download usually generate revenue from pop-up ads or can even hijack your browser to take you to web sites you did not request.

93) You may have seen a dog lie in wait by the roadside until you happen along in your car, then come flying out after you, barking at the wheels. Why do so many dogs seem fascinated by such an unsafe pastime? ① Dogs that chase cars are excited by the movement of the cars—and the fact that the car is “running away” from them. ② The dog makes use of his primitive nature when he sees that car; when he finds the car, he sees an intruder running away. ③ While it’s inaccurate to claim that dogs and cats are natural enemies, there’s no doubt that the average dog takes a special delight in running a cat up a tree. ④ And the fact that the car keeps on running only rewards his behavior more, as he’s obviously scared it out of his territory. ⑤ So even if he doesn’t return with a fender to play with, he can still proudly come back home, thinking he’s driven off the armored intruder.

*fender (자동차 등의) 바퀴 덮개

94) If one particular style of thought stands out for creative geniuses, it is the ability to connect the unconnected. ① Leonardo da Vinci forced a relationship between the sound of a bell and a stone hitting water, which enabled him to make the connection that sound travels in waves. ② In 1865, F. A. Kekule discovered the shape of the ringlike benzene molecule by forcing an association with a dream of a snake biting its tail. ③ Mathematician John von Neumann analyzed how poker players behaved from a poker table and forcedly developed the "game theory" model of economics by studying the decision-making process in opposing situations. ④ A leading figure in the impressionist and post-impressionist movements, Paul Cezanne had a profound influence on the course of modern art. ⑤ Nikola Tesla forced a connection between the setting sun and a motor that made the alternating current motor possible by having the motor's magnetic field rotate inside the motor just as the sun (from our perspective) rotates around the earth.

95) The first school meals actually took off in Europe in the 1790s by a man known as Count Rumford. ① He established the Poor People's Institute in Munich, Germany, involving a program where poor, unemployed adults were required to work for food and clothing; the children were also required to work their part. ② During the hours between their work schedules they were taught reading, writing, and math and were provided meals. ③ The food served to children and adults consisted mainly of soup made from potatoes, barley and peas, and meat was not included in the diet because of its high cost. ④ School meals became less popular because they were regarded as the main source of child obesity. ⑤ Because of a lack of adequate funding for his projects, Count Rumford made constant efforts to develop meals that would provide the best nutrition at the lowest possible cost.

96) The term "jack-o-lantern" is derived from a popular Irish folk tale in the eighteenth century. Jack tricked the devil into climbing an apple tree and then trapped the devil in the branches by quickly carving the symbol of a cross in the trunk. ① When Jack died he was not allowed into heaven because of the mean and stingy life he had led. ② The devil remembered how Jack had tricked him and refused to let him into Hell, so he was destined to walk the earth for eternity. ③ The image of the devil that we see now was created when the early Christians took the horns and hooves of the Greek god Pan. ④ However, he felt somewhat sorry for this wanderer and gave him a burning coal to light his path. ⑤ He had been eating a turnip and put the coal inside the turnip, which made a good lantern.

*jack-o-lantern 호박에 얼굴 모양으로 구멍을 뚫고 안에 촛불을 꽂은 등

97) A morning news report caught my attention. It was about a local school that had relaxed its policy on social media. The anchorman said, "Well, we'll have to keep an eye on that story," as if it were some evil that must be kept away from our children. ① Yes, we know that teachers and parents are worried about the idea of incorporating too many online activities in the classroom. ② But social media is how our kids communicate. ③ Whether it is through texting, Facebook, Twitter, or other means, social media has invaded our lives. ④ Social media includes web-based technologies used to turn communication into interactive dialogue among organizations, communities, and individuals. ⑤ Before we dismiss social media from our educational process as a kind of game, let's take a look at some reasons why we have to invite it into the classroom.

98) A name can spell a bright future for a child, so people have always named their children to reflect their aspirations. ① That's why Ruby and Opal were so popular in the nineteenth century, and it's why my poor old mom was named after Shirley Temple. ② I suppose it's also why so many people coming from the Caribbean in the 1950s called their boys Winston. ③ This is no bad thing, because they are named after a prime minister or an actress their parents admired. ④ In addition, young people admire professional athletes, movie stars, and other public figures, but very few youth ever have an opportunity to meet, let alone get to know their famous idols. ⑤ But in America people aspire to goods and services, and that's resulted in a surge in popularity for names such as Armani, Timberland, L'Oreal and Celica.

99) Nuclear war is the only thing that could end life on Earth by accident. ① We have narrowly escaped nuclear war on several occasions when a computer error or a misreading of a radar screen appeared to show an incoming missile. ② In 1995, a weather rocket launched from Norway was mistakenly identified by the Russians as an incoming American missile. ③ With only minutes remaining before President Yeltsin had to decide whether to launch Russian missiles, the error was discovered and the emergency ended. ④ Announcing that communism no longer existed in Russia, Yeltsin won the support of the United States and other Western countries, together with their financial assistance. ⑤ Had Yeltsin launched Russian missiles, the United States might have launched thousands of missiles in response, and human life on Earth would have ended.

