

English ECAT Pre Engineering Chapter 8 Comprehension Online Test

Questions Answers Choice

The history of literature really began was the earliest of the arts. Man danced for joy round his primitive camp fire after the defeat and slaughter of his enemy. He yelled and shouled as he danced and gradually the yells and shouts became coherent and caught the measure of the coherent and caught the measure of the dance and thus the first war song was sung. As the idea of God developed prayers were framed. The songs and prayers became traditional and were repeated from one generation to another, each generation adding something of its own. As man slowly grew more civilized, he was compelled to invent some method of writing by three urgent necessities. There were certain things that it was dangerous to forget and which, therefore, had to be recorded. It was often necessary to communicate with person who were some distance away and it was necessary to protect one's property by making tools, cattle and so on, in some distinctive manner. So man taught himself to write and having learned to write purely for utilitarian reasons he used this new method for preserving his war songs and his prayers. Of course, among these ancient peoples, There were only a very few individuals who learned to write, and only a few could read what was written.

A. Weight

C. Size D. Quantity

The word 'measure' in the context of the passage means

It is easy to make delicious-looking hamburger at home. But would this hamburger still look delicious after it sat on your kitchen table under very bright lights for six or seven hours? if someone took a picture or made a video of this hamburger after the seventh hour, would anyone want to eat it? More importantly, do you think you could get millions of people to pay money for this hamburger? These are the questions that fast food companies worry about when they produce commercials or print ads for their products. Video and photo shoots often last many hours. The lights that the photographers use can be extremely hot. These conditions can cause the food to look quite unappealing to potential consumers. Because of this, the menu items that you see in fast food commercials are probably not actually edible.Let's use the hamburger as an example. The first step towards building the commercial hamburger is the bun. The food stylist-a person employed by the company to make sure the products look perfect-sorts through hundreds of buns until he or she finds one with no wrinkles. Next, the stylist carefully rearranges the sesame seeds on the bun using glue and tweezers for maximum visual appeal. The bun is then sprayed with a waterproofing solution so that it will no get soggy from contact with other ingredients, the lights, or the humidity in the room. Next, the food stylist shapes a meat patty into a perfect circle. Only the outside of the meat gets cooked-the inside is left raw so that the meat remains moist. The food stylist then paints the outside of the meat patty with a mixture of oil, molasses, and brown food coloring. Grill marks are either painted on or seared into the meat using hot metal skewers. Finally, the food stylist searches through dozens of tomatoes and heads of lettuce to find the best-looking produce. One leaf of the crispest lettuce and one center slice of the reddest tomato are selected and then sprayed with glycerin to keep them looking fresh. So the next time you see a delectable hamburger in a fast food commercial, remember: you are actually looking at glue, paint, raw meat, and glycerin. Are you still hungry?

According to the passage, fast food companies use things like glue and glycerin on hamburgers that appear in advertisements because

I, no one actually has to eat the food used in the commercial

II.it is important that people who see advertisement would pay for the food being advertised

III. filming a commercial or a print ad can take a very long time

A. <span style="color: rgb(34, 34, 34); font-family: "Times New Roman"; font-size: 18px; background-color: rgb(255, 255,

background-color: rgb(255, 255, 248);"> lonly-(span)-B. land-(span)-\text{">\text{">\text{syn}}\text{">\text{cyn}}\text{">\text{cyn}}\text{">\text{cyn}}\text{">\text{cyn}}\text{">\text{cyn}}\text{">\text{cyn}}\text{">\text{cyn}}\text{">\text{cyn}}\text{">\text{cyn}}\text{">\text{cyn}}\text{">\text{cyn}}\text{">\text{cyn}}\text{">\text{cyn}}\text{">\text{cyn}}\text{">\text{cyn}}\text{">\text{cyn}}\text{">\text{cyn}}\text{">\text{cyn}}\text{">\text{cyn}}\text{">\text{cyn}}\text{">\text{cyn}}\text{">\text{cyn}}\text{">\text{cyn}}\text{">\text{cyn}}\text{">\text{cyn}}\text{">\text{cyn}}\text{">\text{cyn}}\text{">\text{cyn}}\text{">\text{cyn}}\text{">\text{cyn}}\text{">\text{cyn}}\text{">\text{cyn}}\text{">\text{cyn}}\text{">\text{cyn}}\text{">\text{cyn}}\text{">\text{cyn}}\text{">\text{cyn}}\text{">\text{cyn}}\text{">\text{cyn}}\text{">\text{cyn}}\text{">\text{cyn}}\text{">\text{cyn}}\text{">\text{cyn}}\text{">\text{cyn}}\text{">\text{cyn}}\text{">\text{cyn}}\text{">\text{cyn}}\text{">\text{cyn}}\text{">\text{cyn}}\text{">\text{cyn}}\text{">\text{cyn}}\text{">\text{cyn}}\text{">\text{cyn}}\text{">\text{cyn}}\text{">\text{cyn}}\text{">\text{cyn}}\text{">\text{cyn}}\text{">\text{cyn}}\text{">\text{cyn}}\text{">\text{cyn}}\text{">\text{cyn}}\text{">\text{cyn}}\text{">\text{cyn}}\text{">\text{cyn}}\text{">\text{cyn}}\text{">\text{cyn}}\text{">\text{cyn}}\text{">\text{cyn}}\text{">\text{cyn}}\text{">\text{cyn}}\text{">\text{cyn}}\text{">\text{cyn}}\text{">\text{cyn}\text{">\text{cyn}}\text{">\text{cyn}\text{">\text{cyn}\text{">\text{cyn}\text{">\text{cyn}\text{">\text{cyn}\text{">\text{cyn}\text{">\text{cyn}\text{">\text{cyn}\text{">\text{cyn}\text{">\text{cyn}\text{">\text{cyn}\text{">\text{cyn}\text{">\text{cyn}\text{">\text{cyn}\text{">\text{cyn}\text{">\text{cyn}\text{">\text{cyn}\text{">\text{cyn}\text{">\text{cyn}\text{">\text{cyn}\text{">\text{cyn}\text{">\text{cyn}\text{">\text{cyn}\text{">\text{cyn}\text{">\text{cyn}\text{">\text{cyn}\text{">\text{cyn}\text{">\text{cyn}\text{">\text{cyn e: 18px; background-color

rgb(255, 255, 248);"> only
rgb(255, 255, 248);"> only
C. span style="color: rgb(24, 34, 34); font-family: " Times New Roman" font-size: 18px; background-color: rgb(255, 255, 248);"> kg/span>span style="color: rgb(34, 34, 34); font-family: " Times New Roman"; font-size: 18px; background-spackground-size: 18px; background-spackground-spackground-spackground-spackground-spackground-spackground-spackground-spackground-spackground-spackground-spackground-spackground-spackground-spackground-spackground-spackground-spackground-spackground-spackground-spackground-spackground-spackground-spackground-spackground-spackground-spackground-spackground-spackground-spackground-spackground-spackground-spackground-spackground-spackground-spackground-spackground-spackground-spackground-spackground-spackground-spackground-spackground-spackground-spackground-spackground-spackground-spackground-spackground-spackground-spackground-spackground-spackground-spackground-spackground-spackground-spackground-spackground-spackground-spackground-spackground-spackground-spackground-spackground-spackground-spackground-spackground-spackground-spackground-spackground-spackground-spackground-spackground-spackground-spackground-spackground-spackground-spackground-spackground-spackground-spackground-spackground-spackground-spackground-spackground-spackground-spackground-spackground-spackground-spackground-spackground-spackground-spackground-spackground-spackground-spackground-spackground-spackground-spackground-spackground-spackground-spackground-spackground-spackground-spackground-spackground-spackground-spackground-spackground-spackground-spackground-spackground-spackground-spackground-spackground-spackground-spackground-spackground-spackground-spackground-spackground-spackground-spackground-spackground-spac " I imes New Roman" for size: 18px, background-color: rgb(255, 255, 248);">I and
<span style="color: rgb(34, 34, 34); font-family: " Times New Roman"; font-size: 18px, background-palent-size: 18px</p> background-color: rgb(255, 255, 248);">IIII only
D. <span style="color: rgb(34, 34,

D. sspan style="color: rgb(34, 34, 34); font-family: " Times New Roman"; font-size: 18px, background-color: rgb(255, 255, 248);"-N,
-kgpan-sspan style="color: rgb(34, 34, 34); font-family: " Times New Roman"; font-size: 18px, background-color: rgb(255, 255, 248);"-N, span-sspan style="color: rgb(34, 34, 34); font-family: " Times New Roman"; font-size: 18px, background-color: rgb(255, 255, 248);"-N, span-sspan style="color: rgb(34, 34, 34); font-family: " Times New Roman"; font-size: 18px, background-color: rgb(255, 255, 248);"-N, span-sspan style="color: rgb(255, 255, 248);"-N, span-sspan style="color: rgb(255, 255, 248);"-N, span-sspan style="color: rgb(34, 34, 34); font-family: deport rgb(256, 255, 248);"-N, span-sspan style="color: rgb(34, 34, 34); font-family: 248);">/+/span>I

Lilly loves her town. She loves the mall. She loves the parks. She also loves her school. Most of all, though, Lilly loves the seasons. In her old town, it was hot all of the

Sometimes it is cold in Lilly's new town. The cold season is in winter. Once in a while it snows. Lilly has never seen snow before. So far her, the snow is exciting as well as very beautiful. Lilly has to wear gloves to keep her hands warm. She also wear a scarf around her neck

In spring, flowers bloom and the trees turn green with new leaves. Pollen falls on the cars and windowsills and makes Lilly sneeze. People work in their yards and mow their grass.

In summer, Lilly wears her old shorts and sandals- the same ones she used to wear in her old town. It is hot outside, and dogs lie in the shade. Lilly and her friends go to a pool or play in the water sprinkler. Her father cooks hamburgers on the grill for

B. However, she wears a scarf around her neck
C. Nevertheless, she wears a scarf
around her neck
D. As a result, she wears a scarf

агоини нег неск

Lilly's favorite season is autumn. In autumn, the leaves on the trees turn vellow, gold, red, and orange. Halloween comes in autumn, and this Lilly's favorite holiday. Every Halloween, Lilly wears a costume. Last year she wore a mouse costume. This year she will wear a fish costume.

One evening in autumn, Lilly and her mom are on sitting together on the porch. Mom tells Lilly that autumn is also called "fall". This is a good idea, Lilly thinks, because in the fall all of the leaves fall down from the trees

In paragraph 2 the author writes, "She also wears a way to rewrite this sentence while keeping its original meaning?

The Baxter house is located at the end of the street. This house sits farther back from the curb than the other houses. It is almost difficult to see from the road without peering behind the deformed oak tree that has obscured it for years. Even so, the Baxter house stands out from the other houses on the street. It is tall and white However, this white is no longer pristinely white, but a dingy grayish cram color. Long vines hang from the tattered roof. The Baxter house is two stories tall and has a large vard in the back that has never been mowed. The other houses on the street are a mere one story and have been painted a variety of colors. The newer, single story properties all appear to have been built around the same time; the yards mostly being of the same size, and the houses appearing to be clones of one another. Aside from the Baxter house at the end, this street is a perfect slice of middle America. The inhabitants of the other houses wonder who lives in the ancient, dilapidated house at the end of the street.

This passage is best described as

A. Argumentative

Informative

A. 1925 B. 1927 C. 1929 D. 1930

C. InformativeD. Persuasive

First introduced in 1927, The Hardy Boys Mystery Stories are a series of books about the adventures of brothers Frank and Joe Hardy, teenaged detectives who solve one baffling mystery after another. The Hardy Boys were so popular among young boys that in 1930 a similar series was created for girls featuring a sixteen-year-old detective named Nancy Drew. The cover of each volume of The Hardy Boys States that he author of the series is Franklin W. Dixon; the Nancy Drew Mystery
Stories are supposedly written by Carolyn Keene. Over the years, though, many fans
of both series have been surprised to find out that Franklin W. Dixon and Carolyn Keene are not real people. If Franklin W. Dixon and Carolyn Keene never existed then who wrote The Hardy Boys and Nancy Drew mysteries?

The Hardy Boys and the Nancy Drew books were written through a process called ghostwriting. A ghostwriter writes a book according to a specific formula. While ghostwriters are paid for writing the books, their authorship is not acknowledged, and their names do not appear on the published books. Ghostwriters can write books for children or adults, the content of which is unspecific. Sometimes they work on book series with a lot of individual titles, such as The Hardy Boys and the Nancy Drew

The initial idea for both The Hardy Boys and the Nancy Drew series was developed by a man named Edward Stratemeyer, who owned a publishing company that specialized in children's book.

Stratemever noticed the increasing popularity of mysteries among adult, and surmised that children would enjoy reading mysteries about younger detectives with whom they could identify. Stratemever first developed each book with an outline describing the plot and setting. Once he completed the outline, Stratemeyer then hired a ghostwriter to convert it into a book of slightly over 200 pages. After the ghostwriter had written a draft of a book, he or she would send it back to Stratemeyer, who would make a list of corrections and mail it back to the ghostwriter. The ghostwriter would revise the book according to Stratemeyer's instructions and then return it to him. Once Stratemeyer approved the book, it was ready for publication.

cause each series ran for so many years, Nancy Drew and The Hardy Boys both had a number of different ghostwriters producing books; however, the first ghostwrites for each series proved to be the most influential. The initial ghostwriter for The Hardy Boys was a Canadian journalist named Leslie McFarlane. A few years later, Mildred A. Wirt, a young writer from lowa, began writing the Nancy Drew books. Although they were using prepared outlines as guides, both McFarlane and Wirt developed the characters themselves. The personalities of Frank and Joe Hardy and Nancy arose directly from McFarlane's and wirt's imaginations. For example, Mildred Wirt had been a star college athelete and gave Nancy similar athletic abilities. The ghostwriters were also responsible for numerous plot and setting details. Leslie McFarlane used elements of his small C fictional hometown.

Although The Hardy Boys and Nancy Drew books were very popular with children, not everyone approved of them. Critics thought their plots were unrealistic and even farfetched, since most teenagers did not experience the adventures Frank and Joe Hardy or Nancy Drew did. The way the books were written also attracted criticism. Many teachers and librarians objected to the ghostwriting process, claiming it was designed to produce books quickly rather than create quality literature. Some libraries – including the New York Public Library – even refused to include the books in their children's collections. Ironically, this decision actually helped sales of his books, because children simply purchased them when they were unavailable in local

Regardless of the debates about their literary merit, each series of books has exerted an undeniable influence on American and even global culture. Most Americans have never heard of Edward Stratemeyer, Leslie McFarlane, or Mildred wirt, but people throughout the world are familiar with Nancy Drew and Frank and Joe

According to the passage, the Nancy Drew mystery series was introduced in

Speech is great blessings but it can also be great curse, for while it helps us to make out intentions and desires known to our fellows, it can also if we use it carelessly, make our attitude completely misunderstood. A slip of the tongue, the use of unusual word, or of an ambiguous word, and so on, may create an enemy where we had hoped to win a friend. Again, different classes of people use different vocabularies, and the ordinary speech of an educated may strike an uneducated listener as pompous. Unwittingly, we may use a word which bears a different meaning to our listener from what it does to men of our own class. Thus speech is not a gift to use lightly without thought, but one which demands careful handling. Only a fool will express himself alike to all kinds and conditions to men. handling. (Question:

While talking to an uneducated person, we should use

A. ordinary speech simple words D. polite language

The year 2006 was the golden anniversary, or the 50th birthday, of the Dwight D.

6

5

Eisenhower National System of Interstate and Defense Highways. This system

usually referred to as The Interstate Highway System, is a system of freeways named after the U.S. President who supported it. The system is the largest highway system in the world, consisting of 46,876 miles (75,440 km) of freeways. The construction of the interstate highway system is an important part of American history. It has played a major role in **preserving** and maintaining the America way of life.

The interstate highway system has several major functions. One of its major functions is to *facilitate* the distribution of US good. Because the intestate passes through many downtown areas, it plays an important role in the *distribution* of almost all goods in the United States. Nearly all products travel at least part of the way to their destination on the Interstate System. Another major function of the interstate is to facilitate military troop movement to and from airports, seaports, rail terminals and other military destinations. The Interstate highways are connected to route in the Strategic Highway Network, which is a system of highways that are *vital* to the U.S. Department of Defense

Today, most of the Interstate system consists of newly constructed highways. The longest section of the Interstate system runs from Boston, Massachusetts to Seattle, Washington. It covers 3,020.54 miles. The shortest two-digit interstate is from Emery, North Caroline to Greensboro, North Caroline. It covers only 12.27 miles. All state capitals except five are served by the system. The five that are not directly served are Juneau, AK, Dover, DE, Jefferson City, MO, Carson City, NV, and Pierre, SD. The Interstate Highway System serves almost all major U.S. cities

EACH Interstate highway is marked with a red, white, and blue shield with the word "Interstate," the name of the state, and the route number. Interstate highways ar named with one or two-digit numbers. North-south highways are designated with odd numbers; east-west highways are named with even numbers. The north-south Interstate highways begin in the west with the lowest odd number; the east-west highways begin in the south with the lowest even numbers. There all mile markers at each mile of the interstate system, starting at the westernmost or southernmost point on the highway. Every Interstate highway begins with the number "0". Interchanges are numbered according to their location on the highway in relation to mileage; an exit between milepost 7 and milepost 8 would be designated "Exit 7." This system allows drivers estimate the distance to a desired exit, which a road is leading off the highway. Despite the common acceptance of the numbering system on the Interstate highways, some states have adopted different numbering systems. For example, a portion of the Interstate 19 in Arizona is measured in kilometers instead of miles since the highway goes south to Mexico

Since the Interstate highways are freeways-highways that do not have signs and cross streets – they have the highest speed limits in the nation. Most interstate highways have speed limits between 65-75 miles per hour (105-120 kilometers per hour), but some areas in Texas and Utah have an 80 mile-per-hour (130 -120 kilometers kilometer-per-hour) speed limit.

The federal government primarily funds interstate highways. However, they are owned and operated by the individual states or toll authorities in the states. The federal government generally funds up to 90% of the cost of an Interstate highway, while the states pay the remainder of the cost.

Which President supported the Interstate Highway System?

When Greg went to the giant aquarium near his house, he had one type of animal that he

loved to watch. He liked dolphins and manatees, but he loved whales. Baluga whales from the arctic were really neat, but it was the Killer Whales especially that had his heart.For hours, from the park opening untill closing, he could watch them. Their black-and-white patterned skin reminded him of a tuxedo, a penguin, or even a zebra, but on the whales it seemed even more special. It made them stand out in the water.Their playfulness and seemed even more special. It made them stand out in the water. Their playfulness and intelligence amazed him, too. He liked to watch the trainers coax them through jumps, leaps, and other tricks. They talked and squawked at the trainers. One time the trainer even got launched into the air off the whale's nose. It was an impressive feat. It always surprised him now fast and agile such a massive creature could be. He always expected them to be slow and lumbering, but they were fast like a bullet, darting through their huge tanks and exploding from the water. In the park, they were fast like a bullet, darting through their huge tanks and exploding from the water. In the park, they at fish and other snacks, and lots of them. In the wild, he understood why they had their fierce name. They could eat seals, sea lions, small whales, and just about anything they could catch. Their teeth were sharp and predatory. They were the top of the food chain – even more dangerous than sharks. The Killer Whales were amazing animals. They inspired him to learn more about the sea. He killer Whales were amazing animals. They inspired him to learn more about the sea. He killer Whales were amazing animals. They inspired him to learn more about the sea. He killer whale some day he might want to be a marine biologist. Then, he could learn about his favourite animals as a job.For now, he'd have to settle for watching them through the tank's glass and reading about them. However, there was always the future. Question:

Which of these is NOT a reason why Greg likes killer whales?

Q.6 A great deal of discussion continues as to the real extent of global environmental degradation and its implications What few people challenge however is that the renewable natural resources of developing countries are today subject to stresses of unprecedented magnitude these pressures are brought about in part by increased population and the que for an ever expanding food supply Because the health nutrition and general well-being of t poor majority are directly dependent on the integrity and productivity of their natural resources the capability of governments to manage them effectively over the long term becomes of paramount importance Developing countries are becoming more aware of the ways in which present and future economic development must build upon a sound and ways in which present and future economic development must build upon a sound and sustainable natural resource base some are looking at our long tradition in environmental protection and are receptive to US assistance which recognizes the uniqueness of the social and ecological systems in these tropical countries Developing countries recognize the need to improve their capability to analyze issues and their own natural resource management in February 1981, for example AID funded a national Academy of Sciences panel to advise Nepal on their severe natural resource degradation problems Some countries such as Senegal India Indonesia and Thailand are now including conservation concerns in their economic development planning process. Because so many government of developing nations have recognized the importance of these issues the need today is not merely one of raising additional consciousness but for carefully designed and sharply focused activities aimed at management regimes that are essential to the achievement of sustained development

b.Technical know-how developed in the USA

A. Jefferson

Washington

D. Bush

A. their speed and power
 B. their colors

D. their intelligence

Cannot be easily assimilated by the technocrats of the developing countries

B. Can be properly utilized on the basis of developing countries being able to launch an in-depth study of

C. Can be easily borrowed by the developing countries to solve the problem of environmental

degradation
D. Can be very effective in solving the problem of resource management in tropical countries

Paul's wife knows Paul loves to read cookbooks. She decides to get him one for his birthday. Paul tells her he will try to make a new recipe for three days in a row. On Monday, Paul makes blueberry pancakes for breakfast. He gets the blueberries from the farmers' market. On Tuesday, Paul makes beef soup for dinner. He puts in cubes of beef, carrots, and onions. The recipe calls for cream, but Paul does not cream. He uses water instead. On Wednesday, Paul makes a tomato salad with cucumbers and onions. He picks the cucumbers and tomatoes from his garden. He likes this dish best. It was also the easiest for him to make

A. Become a chef

Grow his own food Cook every recipe in a week

What does Paul say he will do?

10

The hammer may be oldest tool we have record of. Stone hammers-some of the oldest human artifacts ever discovered-date back as early as 2,600,000 BCE. Not only is the hammer the oldest tool, but it is also the greatest. What make the hammer so great is its

simpicity, power, and userulness. The structure or tine hammer is relatively simple-a fact largely responsible for its early invention and widespread distribution across cultures and geographic regions. The hammer is composed of two main parts: a handle and a head. The handle is used to swing the hammer. The head is used to hit other objects. While the hammer is a very simple tool, it is still able to generate tremendous power. This power results from two factors: the weight of the head, and the speed at which the hammer is swung. Every hammer (though some more than other) has a large distribution of weight at the head. When a hammer is swung, this weight pivots about the hand, which acts as a fulcrum. The handle carries the weight at a distance, acting as a lever arm, so a longer handle means increased speed. The weight of the head together with the speed generated by the lever arm is what gives the hammer so much power. The heavier the head and the faster it is swung, the more power a hammer produces. In addition to the hammer's great power, it also has an exceptionally wide range of useful applications. The purpose of the hammer -- to hit-- is a universal action that can accomplish many tasks. Let's start with the obvious: a hammer can be made to pound nails. But a hammer has many other uses as well. It can break apart hard simplicity, power, and useruiness, i ne structure of the nammer is relatively simple-a fact be made to pound nails. But a hammer has many other uses as well. It can break apart hard objects such as brick or concrete. It can bend and shape metal or steel. It can gently tap

objects to make small adjustments. It can be used to make sculpture or pottery. It can be used in the hot, harsh business of blacksmithing as well as in delicate operations like craf jewelry. In times of desperation, it can even be used as a weapon. The hammer truly is a great tool. It is simple, powerful, and useful. A quintessential symbol of labor, the hammer has come to represent hard work and embody the spirit of human industry. Question:

Based on information in the passage, all of the following people might reasonably use a hammer at work except

A. a sculptor who works in different

B. an artist who makes earrings

D. a carpenter who frames wooden

On January 3, 1961, nine days after Christmas, Richard Legg, John Byrnes, and Richard McKinley were killed in a remote desert in eastern Idaho. Their deaths occurred when a nuclear reactor exploded at a top-secret base in the National Reactor Testing Station (NRTS). Official reports state that the explosion and subsequent reactor meltdown resulted from the improper retraction of the control rod. When guestioned about the events that occurred there, officials were very reticent. The whole affair, in fact, was discussed much, and seemed to disappear with time.

In order to grasp the mysterious nature of the NRTS catastrophe, it help to know a bit about how nuclear reactors work. After all, the generation of nuclear energy may strike many as an esoteric process. However, given its relative simplicity, the way in which the NRTS reactor functions is widely comprehensible. In this particular kind of reactor, a cluster of nine-ton uranium fuel rods are positioned lengthwise around a central control rod. The reaction begins with the slow removal of the control ro, which starts a controlled nuclear reaction and begins to heat the water in the reactor. This heat generates steam, which builds pressure inside the tank. As pressure builds, the steam looks for a place to escape. The only place this steam is able to escape is through the turbine. As it passes through the turbine on its way out of the tank, it turns the giant fan blades and produces energy.

On the morning of January 3, after the machine had been shut down for the holidays the three men arrived at the station to restart the reactor. The control rod needed to 12 be pulled out only four inches to be reconnected to the automated driver. However, records indicate that Byrnes vanked it out 23 inches, over five times the distance necessary. In milliseconds the reactor exploded. Legg was impaled on the ceiling; he would be discovered last. It took one week and a lead-shielded crane to remove his body. Even in full protective gear, workers were only able to work a minute at a time The three men are buried in lead-lined coffins under concrete in New York, Michigan, and Arlington Cemetery, Virginia.

> The investigation took nearly two years to complete. Did Byrnes have a dark motive? Or was it simply an accident? Did he know how precarious the procedure was? Other operators were questioned as to whether they knew the consequences of pulling the control rod out so far. They responded "Of course! We often talked about what we would do if we were at a radar station and the Russians came.

"We'd vank it out '

11

Official reports are oddly ambiguous, but what they do not explain, gossip does. Rumors had it that there was tension between the men because Byrnes suspected the other two of being involved with his young wife. There is little doubt than he, like the other operators, knew exactly what would happen when he yanked the control rod.

As used in paragraph 2, which is the best definition for esoteric?

A. Risky or dangerous B. Highly scientific

D. Understood by few

This is the age of machine. Machines are everywhere, in the fields, in the factory, in the home, In the street, in the city, in the country, everywhere. To fly, it is not necessary to have wings; there are machines. To swim under the sea, it is not necessary to have gills; there are machines. To kill our fellowmen in over-whelming numbers, there are machines. Petrol machines alone provide ten times more power than all human beings in the world. In the busiest countries, each individual has six hundred human slaves in his machines

What are the consequences of this abnormal power? Before the war, it looked as though it might be possible, for the first time in history to provide food and clothing and shelter for the teaming population of the world-every man, woman and child. This would have been the greatest triumphs of science. And yet, if you remember, we saw the world crammed, full of food and people hungry. Today, the leaders are bare and millions, starving. That's more begin to hum, are we going to see again more and more food, and people still hungry? For the goods, it makes the goods, but avoids the consequences

According to the passage, which of the following is not necessary to fly?

B. Arms

When we are young, we learn that tigers and sharks are dangerous animals. We might be scared of them because they are big and powerful. As we get older, however, we learn that sometimes the most dangerous animals are also the smallest animals. In fact, the animal that kills the most people every year is one that you have probably killed yourself many times: the mosquito.

While it may seem that all mosquitoes are biters, this is not actually the case. Male mosquitoes eat plant nectar. One the other hand, female mosquitoes feed on animal blood. They need this blood to live and produce eggs. When a female mosquito bites a human being, it transmits a small amount of saliva into the blood. The saliva may or may not contain a deadly disease. The result of the bite can be as minor as an itchy bump or as serious as death.

Because a mosquito can bite many people in the course of its life, it can carry diseases from one person to another very easily. Two of the most deadly disease carried by mosquitoes are malaria and yellow fever. More than 700 million people become sick from these diseases every year. At least 2 million of these people will die from these diseases.

Many scientists are working on safer and better ways to kill mosquitoes, but so far. there is no sure way to protect everyone in the world from their deadly bites.

Mosquito nests can be placed over beds to protect people against being bitten. These nets help people stay safe at night, but they do not kill any mosquitoes.

B. Mediocre C. Good D. Excellent

14

Mosquitoes have many natural enemies like bats, birds, dragontiles, and certain kinds of fish. Bringing more of these animals into places where mosquitoes live might help to cut down the amount of mosquitoes in that area. This is a natural solution, but is does not always work very well. Mosquitoes can also be killed with poisons or sprays. Even though these sprays kill mosquitoes, they may also harm other plants or animals.

Although mosquitoes may not seem as scary as larger, more powerful animals, they are far more dangerous to human beings. But things are changing. It is highly likely that one day scientists will find a way to keep everyone safe from mosquitoes and the

Based on information in paragraph 3, it can be understood that if you get sick with malaria or yellow fever, your chances of survival are

Chocolate – there's nothing quite like it, is there? Chocolate is simply delicious. What is chocolate? Where does it come from?

Christopher Columbus was probably the first to take cacao beans from the New World to Europe in around 1502. But the history of chocolate goes back at least 4,000 years! The Aztecs, who lived in America, through that their bitter cacao drink was a divine gift from heaven. In fact, the scientist Carolus Linnaeus named the plant Theobroma, which means "food of the gods"

The Spanish explorer Hernando Cortex went to America in 1519. He visited the Mexican emperor Montezuma. He saw that Montezuma drank cacao mixed with vanilla and spices. Cortez took some cacao home as a gift to the Spanish King Charles. In Spain, people began to drink Cortez's chocolate in drink with chili peppers. However, the natural taste of cacao was too bitter for most people. To sweeten the drink, Europeans added sugar to the cacao drink. As a sweet drink, it became more popular. By the 17th century, rich people in Europe were drinking it.

Later, people started using chocolate in pastries, like pies and cakes. In 1828, Dutch chocolate makers started using a new process for removing the fat from cacao beans, and getting to the center of the cacao bean. The Dutch chocolate maker Conrad J. Van Houten made a machine that pressed the fat from the bean. The resulting powder mixed better with water than cacao did. Now, some call van Houten's chocolate "Dutch chocolate."

as easy to mix Dutuch chocolate powder with sugar. So other chocolate makers

started trying new recipes that used powdered chocolate. People started mixing sweetened chocolate with cocoa butter to make solid chocolate bars. In 1849, an English chocolate maker made the first chocolate bar. In the 19th century, the Swiss rted making milk chocolate by mixing powdered milk with sweetened chocolate. Milk chocolate has not changed much since this process was invented.

Today, two countries - Brazil and Ivory Coast - account for almost half the world's chocolate. The United States imports most of the chocolate in the world, but the Swiss eat the most chocolate per person. The most chocolate eaten today is sweet milk chocolate, but people also eat white chocolate and dark chocolate.

Cocoa and dark chocolate are believed to help **prevent** heart attacks, or help keep from happening. They are supposed to be good for the circulatory system. On the other hand, the high fat content of chocolate can cause weight gain, which is not good for people's health. Other health claims for chocolate have not been proven, but some research shows that chocolate could be good for the brain.

Chocolate is a popular holiday gift. A popular Valentine's Day gift is a box of chocolate candies with a card and flowers. Chocolate is sometimes given for Christmas and birthdays. Chocolate eggs are sometimes given at Easter.

Chocolate is toxic to some animals. An ingredient in chocolate is poisonous to dogs, cats, parrots, small rodents, and some livestock. Their bodies cannot process some if the chemicals found in chocolate. Therefore, they should never be fed

Pastries are

15

In the early 1920's, settlers came to Alaska looking for gold. They traveled by boat to the coastal towns of Seward and Knik, and from there by land into the gold fields. The trail they used to travel inland is known today as the Iditarod Trail, one of the National Historic Trails designated by the congress of the United States. The Iditarod Trail quickly became a major thoroughfare in Alaska, as the mail and supplies were carried across this trail. People also used it to get from place to place, including the priests, ministers, and judges who had to travel between villages down this trail was via god sled. Once the gold rush ended, many gold-seekers went back to where they had come from, and suddenly there was much less travel on the Iditarod Trail. The introduction of the airplane in the late 1920's meant dog teams were mode of transportation, of course airplane carrying the mail and supplies, there was less need for land travel in general. The final blow to the use of the dog teams was the appearance of snowmoniles. By the mid 1960's most Alasknas didn't even know the Iditarod Trail existed, or that dos teens had played a crucial role in Alaska's early settlements. Dorothy G.Page, a self-made historian, recognized how few people knew about the former use of sled dogs as working animals and about the Iditarod Trail's role in Alaska's colorful history. To she came up with the idea to have a god sled race over the Iditarod Trail. She nted her idea to an enthusiastic musher, as dog sled drivers are known, named Joe Redington, Sr. Soon the pages and the Redintons were working together to promote the idea of the Iditarod race. Many people worked to make the first Iditarod Trail Sled Dog Race a reality in 1967. The Aurora Dog Mushers Club, along with men from the Adult Camp in Sutton, helped clear years of overgrowth from the first nine miles of the Iditarod Trail. To raise interest in the race, a \$25,000 purse was offered, with Joe Redington donating one acre of his land to help raise the funds. The short race, approximately 27 miles long, was put on a second time in 1969. After these first two successful races, the goal was to lengthen the race a little further to the ghost town of Iditarod by 1973. However in 1972, the U.S. Army reopened the trail as a winter exercise, and so in 1973, the decision was made to take the race all the way to the city of Nome-over 1,000 miles. There were who believed it could bot be done and that it wad crazy to send a bunch out into vast, uninhabited Alaskan wilder But the race went! 22 mushers finished that year, and to date over 400 people have

Based on information in the passage, it can be inferred that all of the following contributed to the disuse of the Iditarod Trail except

- B. Bitter-tasting drinks C. Chocolate candy bars D. Chocolate candies

A. More modern forms of B. Depleted gold mines Reduced demand for land travel

Speech is great blessings but it can also be great curse, for while it helps us to make out intentions and desires known to our fellows, it can also if we use it carelessly, make our attitude completely misunderstood. A slip of the tongue, the use of unusual word, or of an ambiguous word, and so on, may create an enemy where we had hoped to win a friend. Again, different classes of people use different vocabularies, and the ordinary speech of an educated may strike an uneducated listener as pompous. Unwittingly, we may use a word

A. wrongly by choice

A 'slip of the tongue' means something said

B. unintentionally

C. without giving proper thougD. to hurt another person

When her grandmother's health began to deteriorate in the fall of 1994, Mary would make the drive from Washington, DC to Winchester every few days.

She hated highway driving, finding it ugly and monotonous. She preferred to take meandering back roads to her grandmother's hospital. When she drove through the rocky town of Harpers Ferry, the beauty of the rough waters churning at the intersection of the Shenandoah and Potomac rivers always captivated her.

Toward the end of her journey, Mary had to get on highway 81. It was here that she discovered a surprising bit of beauty during one of her trips. Along the median of the highway, there was a long stretch of wildflowers. They were thin and delicate and purple, and swayed in the wind as if whispering poems to each other.

The first time she saw the flowers, Mary was seized by an uncontrollable urge to pull over on the highway and yank a bunch from the soil. She carried them into her grandmother's room when she arrived at the hospital and placed them in a water pitcher by her bed. For a moment her grandmother seemed more lucid than usual. She thanked Mary for the flowers, commented on their beauty and asked where she had gotten them. Mary was overjoyed by the ability of the flowers to wake something up inside her ailing grandmother.

Afterwards, Mary began carrying scissors in the car during her trips to visit her grandmother. She would quickly glide onto the shoulder, jump out of the car, and clip a bunch of flowers. Each time Mary placed the flowers in the pitcher, her grandmother's eyes would light up and they would have a splendid conversation.

One morning in late October, Mary got a call that her grandmother had taken a turn for the worse. Mary was in such a hurry to get to her grandmother that she sped past her flower spot. She decided to turn around head several miles back, and cut a bunch. Mary arrived at the hospital to find her grandmother very weak and unresponsive. She placed flowers in the pitcher and sat down. She felt a squeeze on her fingers. It was the last conversation they had.

What other title would best fit this passage?

18

A. "The Fall"
B. "On the Road"
C. "Wildflower Poe"

C. "Wildflower Poe" D. "Living for Tomorrow"

The year 2006 was the golden anniversary, or the 50th birthday, of the Dwight D. Eisenhower National System of Interstate and Defense Highways. This system, usually referred to as The Interstate Highway System, is a system of freeways named after the U.S. President who supported it. The system is the largest highway system in the world, consisting of 46,876 miles (75,440 km) of freeways. The construction of the interstate highway system is an important part of American history. It has played a major role in *preserving* and maintaining the America way of life.

The interstate highway system has several major functions. One of its major functions is to *facilitate* the distribution of US good. Because the intestate passes through many downtown areas, it plays an important role in the *distribution* of almost all goods in the United States. Nearly all products travel at least part of the way to their destination on the Interstate System. Another major function of the interstate is to facilitate military troop movement to and from airports, seaports, rail terminals and other military destinations. The Interstate highways are connected to route in the Strategic Highway Network, which is a system of highways that are *vital* to the U.S. Department of Defense.

Today, most of the Interstate system consists of newly constructed highways. The longest section of the Interstate system runs from Boston, Massachusetts to Seattle, Washington, It covers 3,020.54 miles. The shortest two-digit interstate is from Emery, North Caroline to Greensboro, North Caroline. It covers only 12.27 miles. All state capitals except five are served by the system. The five that are not directly served are Juneau, AK, Dover, DE, Jefferson City, MO, Carson City, NV, and Pierre, SD. The Interstate Highway System serves almost all major U.S. cities.

EACH Interstate highway is marked with a red, white, and blue shield with the word "Interstate," the name of the state, and the route number. Interstate highways are named with one or two-digit numbers. North-south highways are *designated* with odd numbers; east-west highways are named with even numbers. The north-south Interstate highways begin in the west with the lowest odd number; the east-west highways begin in the south with the lowest even numbers. There all mile markers at each mile of the interstate system, starting at the westernmost or southernmost point on the highway. Every Interstate highway begins with the number "0". Interchanges are numbered according to their location on the highway in relation to mileage; an exit between milepost 7 and milepost 8 would be designated "Exit 7." This system allows drivers estimate the distance to a desired exit, which a road is leading off the highway. Despite the common acceptance of the numbering systems. For example, a portion of the Interstate 19 in Arizona is measured in kilometers instead of miles since the highway goes south to Mexico.

Since the Interstate highways are freeways-highways that do not have signs and cross streets – they have the highest speed limits in the nation. Most interstate highways have speed limits between 65 – 75 miles per hour (105 – 120 kilometers per hour), but some areas in Texas and Utah have an 80 mile-per-hour (130 kilometer-per-hour) speed limit.

The federal government primarily funds interstate highways. However, they are owned and operated by the individual states or toll authorities in the states. The federal government generally funds up to 90% of the cost of an Interstate highway, while the states pay the remainder of the cost.

When you facilitate something, you

A. Easier B. More complicated C. More lengthy

Make it easier

Q.1 The history of literature really began was the earliest of the arts.Man danced for joy round his primitive camp fire after the defeat and slaughter of his enemy He yelled and shouted as he danced and gradually the yells and shouts became coherent and caught the measure of the dance and thus the first war song was sung As the idea of God developed prayers were framed The songs and prayers became traditional and were repeated from one generation to another each generation adding something of its own As man slowly grew more civilized he was compelled to invent some method of writing by three urgent necessities. There were certain things that it was dangerous to forget and which therefore had to be recorded it was often necessary to communicate with persons who were some distance away and it was necessary to communicate with persons who were some distance away and it was necessary to product ones property by making tools cattle and so on in some distinctive manner so man taught himself to write and having learned to write purely for utilitarian reasons he used this new method for preserving his war songs and his prayers of course among these ancient peoples there were only a very few individuals who learned to

A. Creative inspiration
 B. There was no literature
 C. Artistic urge

D. Yelling and shouti

write and only a few could read what was written.

D. The war song evolved out of