

## ECAT Pre General Science English Chapter 8 Comprehension

Sr Questions **Answers Choice** 

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?

A. Convince readers not to eat at fast food restaurants

B. explain how fast food companies make their food look delicious in commercials

C. teach readers how to make delicious-looking food at home D. criticize fast food companies for lying about their products in commercials

Question:

1

2

The author's primary purpose is to

Each nation has its own peculiar character which distinguishes it from others. But the people of the world have more points in which they are all like each other than points in which they are different. One type of person that is common in every country is the one who always tried to do as little as he possibly can and to get as much in return as he can. His opposite, the man who is in the habit of doing more than is strictly necessary and is ready to accept what is offered in return, is rare everywhere.

Both these types are usually unconscious of their character. The man who avoids effort is always talking about his 'rights'; he appears to think that society owes him a pleasant easy life. The man who is always doing more than his sheer talks of 'duties' feels that the individual is in debt to society, and not society to the individual. As a result of their view, neither of these men thinks that he behaves at all strangely.

The man who talks of 'duties':

A. Is always hard working

B. Avoids hard working

C. Does not know his duties well D. Always thinks of his 'rights' first

Educational planning should aim at meeting the educational needs of the entire population of all age group. While the traditional structure of education as a three layer hierarchy from the primary stage to the university represents the core, we should not overlook the periphery which is equally important. Under modern conditions, workers need to rewind, or renew their enthusiasm, or strike out in a new direction, or improve their skills as much as any university professor. The retired and the age have their needs as well. Educational planning, in their words, should take care of the needs of everyone.

Our structures of education have been built up on the assumption that there is a terminal point to education. This basic defect has become all the more harmful today. A UNESCO report entitled 'learning to Be' prepared by Edgar Faure and others in 1973 asserts that the education of children must prepare the future adult for various forms of self - learning. A viable education system of the future should consist of modules with different kinds of functions serving a diversity of constituents. And performance, not the period of study, should be the basis for credentials. The writing is already on the wall.

In view of the fact that the significance of a commitment of lifelong learning and lifetime education is being discussed only in recent years even in educationally advanced countries, the possibility of the idea becoming an integral part of educational thinking seems to be a far cry. For, to move in that direction means such A. Train the people at the core B. Encourage conventional schools and colleges

C. Decide a terminal point to education

D. Fulfill the educational needs of evervone

more than some simple rearrangement of the present organization of education. But a good beginning can be made by developing Open University programs for older learners of different categories and introducing extension services in the conventional colleges and schools. Also these institutions should learn to cooperate with the numerous community organizations such as libraries. Museums, municipal recreational programs, health services etc.

According to the author, educational plan should attempt to

Have you ever wondered what keeps a hot air balloon flying? The same principal that keeps food frozen in the open chest freezers at the grocery store allows hot air balloons to fly. It's very basic principle: Hot air rises and cold air falls. So while the super-cooled air in the grocery store freezer settles down around the food, the hot air in a hot air in a hot air balloon pushes up, keeping the balloon floating above the ground. In order to understand more about how this principal works in hot air balloons, it helps to know more about hot air balloons themselves. < div>A hot air balloon has three major parts: the basket, the burner, and the envelope. The basket is where passengers ride. The basket is usually made of wicker. This ensures that it will be comfortable and add little extra weight. The burner is positioned above the passenger's heads and produced a huge flame to heat the air inside the envelope. The envelope is the colorful fabric balloon that holds the hot air. When the air inside the envelop is heated, the balloon rises.</div>The pilot can control the up-anddown movements of the hot air balloon by regulating the heat in the envelope. To ascend, the pilot heats the air in the envelope. When the pilot is ready to land, the air in the balloon is allowed to cool and the balloon becomes heavier than air. This make the balloon descend. </div>div>Before the balloon is launched, the pilot knows which way the wind is blowing. This means that she has a general idea about which wau the balloon will go. But, sometimes the pilot can actually control the direction that the balloon flies while in flight. This is because the air above the ground is sectioned into layers in which the direction of the wind may be different. So even though the pilot can't steer the balloon, she can fly higher or lower into a different layer of air. Some days the difference between the directions of the wind between layers is negligible. But other days the difference is so strong that it can actually push the balloon in a completely different directionAccording to the author, wicker isl. Comfortablell. lightweightlll. durable

- A. I only
- B. I and I only
- C. II and III only
- D. I,II andIII

At the time Jane Austen's novels were published – between 1811 and 1818 – English literature was not part of any academic curriculum. In addition, fiction was under strenuous attack. Certain religious and political groups felt novels had the power to make so-called immoral characters so interesting that young readers would identify with them; these groups also considered novels to be of little practical use. Even Coleridge, certainly no literary reactionary, spoke for many when the asserted that "novel-reading occasions the destruction of the mind's powers."

These attitudes towards novels help explain why Austen received little attention from early nineteenth-century literary cities. (In any case a novelist published anonymously, as Austen was, would not be likely to receive much critical attention.) The literary response that was accorded to her, however, was often as incisive as twentieth-century criticism. In his attack in 1816 on novelistic portrayals "outside of ordinary experience," for example. Scott made an insightful remark about the merits of Austen's fiction.

Her novels, wrote Scott, "present to the reader an accurate and exact picture of ordinary everyday people and places, reminiscent of seventeenth-century Flemish painting." Scott did not use the word 'realism', but he undoubtedly used a standard of realistic probability in judging novels. The critic Whately did not use the word 'realism', either, but he expressed agreement with Scott's evaluation, and went on to suggest the possibilities for moral instruction in what we have called Austen's 'realistic method' her characters, wrote Whately, are persuasive agents for moral truth since they are ordinary persons "so clearly evoked that we feel an interest in their fate as if it were our own." Moral instruction, explained Whately, is more likely to be effective when conveyed through recongnizably human and interesting characters than when imparted by a sermonizing narrator. Whitely especially praised Austen's ability to create character who "mingle goodness and villainy, weakness and virtue, as in life they are always mingled. "Whitely concluded his remarks by comparing Austen's art of characterization to Dickens', starting his preference for Austen's.

Yet, the response of nineteenth-century literary critics to Austen was not always so laudatory, and often anticipated the reservations of twentieth-century literary critics. An example of such a response was Lewes complaint in 1859 that Austen's range of subject and characters was too narrow. Praising her verisimilitude, Lewes added that, nonetheless her focus was too often only upon the unlofty and the commonplace. (Twentieth-century Marxists, on the other hand, were to complain about what they saw as her exclusive emphasis on a lofty upper middle class.) In any case having being rescued by literary critics from neglect and indeed gradually lionized by them, Austen steadily reached, by the mid-nineteenth century, the enviable pinnacle of being considered controversial.

The primary purpose of the passage is to

- A. Demonstrate the nineteenthcentury preference for realistic novels rather than romantic ones B. Explain why Jane Austen's novel were not included in any academic curriculum in the early nineteenth century?
- C. Urge a reassessment of Jane Austen's novels by twentieth-century literary critics
- D. Describe some of the responses of nineteenth-century critics to Jane Austen's novels as well as fiction in general

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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 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 ate 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 thought that 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:

What does Greg want to do some day?

A. swim with the killer whales

be a marine b C. feed the whales

D. take pictures of the whales

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 yard 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.

A. Wonder why the owner does not take care of his or her house B. Wonder who lives in the ancient, dilapidated house at the end of the

C. Wish their houses were more uniquely designed

D. Wish they had larger yards

The inhabitants of the other houses

Elephants on the coast of Thailand are acting strange. They stamp their feet and motion toward the hulls. The sea draws back from the beaches. Fish flop in the mud. Suddenly, a huge wave appears. This is no ordinary wave. It is a tsunamiTsunami (pronounced "soo-nahmee") waves are larger and faster than normal surface waves. A tsunami wave can travel as fast as a jet plane and can be as tall as a ten-story building. Imagine dropping a stone into a pond. The water on the surface ripples. A tsunami is like a very powerful ripple. Tsumais begin when the ocean rises or falls very suddenly. Large amounts of seawater are displaced. This movement causes huge waves. For a tsunami to occur, there must be some kind of force that causes the ocean water to become displaced. Most trunamis are caused by underwater earthquakes. however, volcanoes, landslides, large, icebergs, and even meteorites are capable of causing one of these mighty waves. Trunamis are extremely powerful. Ordinary waves lose power when they break. Tsunami waves can remain powerful for several days. Because tsunami waves are so strong, they can kill people, damage property, and completely ruin an ecosystem in just one hour. Scientist have no way of predicting when a tsunami will hit. However, if a powerful enough earthquake occurs scientists can issue a warning or a watch. A warning means that a tsunami will very likely hit soon. A watch means that conditions are favorable for a tsunami. When people are notified about a watch or a warning, they have more time to prepare. It is best not to get caught unaware when a tsunami is on the way. After reading the passage, we can conclude that a tsunami

A. watch is more serious than a warning

B. warning is more serious than a watch

C. warning and watch are equally

D. warning and watch both mean a tsunami has formed

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 simplicity, power, and usefulness. The structure of the 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 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 crafting 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

A. "The hammer may be the oldest tool we have record of B. "Not only is the hammer the oldest

tool, but it is also the greatest" C. "A quintessential symbol of labor, the hammer has come to represent

hard work and embody the spirit of human industry"

D. "What makes the hammer so great is its simplicity, power, and usefulness."

7

6

8

## Question:

The thesis statement is one sentence that clearly communicates what the author plans to discuss in the passage. Based on this information which of the following sentences from the passage is its thesis statement?

The public distribution system, which provides food at low prices, is a subject of vital concern. There is a growing realization that thought Pakistan has enough food to feed its masses three square meals a day, the monster of starvation and food insecurity continues to haunt the poor in our country.

Increasing the purchasing power of the poor through providing productive employment leading to rising income, and thus good standard of living is the ultimate objective of public policy. However, till then, there is a need to provide assured supply of food through a restructured more efficient and decentralized public distribution system (PDS).

Although the PDS is extensive – it is one of the largest such systems in the world – it has yet to reach the rural poor and the far off places. It remains an urban phenomenon, with the majority of the rural poor still out of its reach due to lack of economic and physical access. The poorest in the cities and the migrants are left out, for they generally do not possess ration cards. The allocation of PDS supplies in big cities is larger than in rural areas. In view of such deficiencies in the system, the PDS urgently needs to be streamlined. In addition, considering the large food grains production combined with food subsidy on one hand and the continuing slow starvation and dismal poverty of the rural population on the other, there is a strong case for making PDS target group oriented.

The growing salaried class is provided job security, regular income, and percent insulation against inflation. These gains of development have not percolated down to the vast majority of our working population. If one compares only dearness allowance to the employees in public and private sector and looks at its growth in the past few years, the rising food subsidy is insignificant to the point of inequity. The food subsidy is a kind of D.A. to the poor, the self-employed and those in the unorganized sector of the economy. However, what is most unfortunate is that out of the large budget of the so - called food subsidy, the major part of it is administrative cost and wastages. A small portion of the above budget goes to the real consumer and an even lesser portion to the poor who are in real need.

It is true that subsidies should not become a permanent feature except for the destitute, disabled widows and the old. It is also true that subsidies often create a psychology of dependence and hence is habit – forming, killing the general initiative of the people. By making PDS target group oriented, not only the poorest and neediest would be reached without additional cost, but it will actually cut overall costs incurred on large cities and for better off localities. When the food and food subsidy are limited the rural and urban poor should have the priority in the PDS supplies. The PDS should be closely linked with programs of employment generation and nutrition improvement.

What, according to the passage, is be the main purpose of public policy in the long

- A. Reducing the cost of living index by increasing supplies
- B. Providing enough food to all the citizens
- C. Good standard of living through productive employment
- D. Equalizing per capita income across different strata of society

The history of civilization shows how man always has to choose between making the right and wrong use of the discoveries science. This has never been more true than in our own age. In a brief period amazing discoveries have been made and applied to practical purpose.

It would be ungrateful not to recognized how immense are the boons which science has given to mankind. It has brought within the reach of multitudes benefits and advantages which only a short time ago were the privilege of the few. It has shown how malnutrition, hunger and disease can be overcome. It has not only lengthened life but it has depended its quality. Fields of the work of science the ordinary and fuller life than was ever possible to his grandparents.

The boons of science are:

A Few

B. Found nowhere

D. Very few

Q.5 Recent advances is science and technology have made it possible for geneticists to find out abnormalities in the unborn foetus and take remedial action to rectify some defects which would otherwise prove to be fatal to the child Though genetic engineering is still at its infancy.scientist can now predict with greater accuracy a genetic disorder it is not yet an exact science since they are not in a position to predict when exactly a genetic disorder will set in While they have not yet been able to change the genetic order of the gene in germs they are optimistic and are holding out that in the near future they might be successful in achieving this feat they have however acquired the ability in manipulating tissue cells However genetic mis-information can sometimes be damaging for it may adversely affect people psychologically Genetic information may lead to tendency to brand some people as inferiors Genetic information can therefore be abused and its application in deciding the sex of the foetus and its subsequent abortion is now hotly dehated on ethical lines but on this

A. Insulted

C. Killed

12

11

10

B. Talked about

D. Misused

issue geneticists cannot be squarely blamed though this charge has often been leveled at them it is mainly a societal problem At present genetic engineering is a costly process of detecting disorders but scientists hope to reduce the costs when technology becomes more advanced this is why much progress in this area has been Possible in scientifically advanced and rich countries like the U.S.A U.K and japan it remains to be seen if in the future this science will lead to the development of a race of supermen on will be able to obliterate disease from this world.

i. In the passage abused means

Fleas are perfectly designed by nature to feast on anything containing blood. Like a shark in the water or a wolf in the woods, fleas are ideally equipped to do what they do, making them very difficult to defeat. The bodies of these tiny parasites are extremely hardy and well-suited for their job.

A flea has a very hard exoskeleton, which means the body is covered by a tough, tilelike plate called a sclerite. Because of these plates, fleas are almost impossible to squish. The exoskeletons of fleas are also waterproof of fleas are also waterproof and shock resistant, and therefore fleas are highly resistant to the sprays and chemicals used to kill them.

Little spines are attached to his plate. The spine the flea scurries through an animal's fur in – search of grooming pet tries to pull a flea off through the hair coat, these spines will extend and stick to the fur like Velcro.

Fleas are some of the best jumpers in the natural world. A flea can jump seven inches, or 150 times its own length, either vertically or horizontally. An equivalent jump for a person would be 555 feet, the height of the Washington Monument. Fleas can jump 30,000 times in a row without stopping, and they are able to accelerate through the air at an incredibly high rate – a rate which is over ten times what humans can withstand in an airplane.

Fleas have very long rear legs with huge thigh muscles and multiple joints. When they get ready to jump. They fold their long legs up and crouch like a runner on a staring block. Several of their joints contain a protein called resilin, which helps catapult fleas into the air as they jump, similar to the way a rubber band provides momentum to a slingshot. Outward facing claws on the bottom of their legs grip anything they touch when they land.

The adult female flea mates after her first blood meal and begins producing eggs in just 1 to 2 days. One flea can lay up to 50 eggs in one day and over 2,000 in her

lifetime. Flea eggs can be seen with the naked eye, but they are about the size of a grain of salt. Shortly after being laid, the eggs begin to transform into cocoons. In the cocoon state, fleas are fully developed adults, and will hatch immediately if conditions are favorable. Fleas can detect warmth, movement, and carbon dioxide in exhaled breath, and these three factors stimulate them to emerge as new adults. If the flea does not detect appropriate conditions, it can remain dormant in the cocoon state for extended periods. Under ideal conditions, the entire life cycle may only take 3 weeks, so in no time at all, pets and homes can become infested.

Because of these characteristics, fleas are intimidating opponents. The best way to control fleas, therefore, is to take steps to prevent an infestation from ever occurring.

Using the information in the passage as a guide, it can be concluded that

- A. Humans do not possess the physical characteristics of the flea because they have no use for them B. Humans do not pay much attention to fleas because they do not pose a serious threat C. Fleas have many physical advantages, although these are outweighed by their many disadvantages
- D. Fleas are designed in such a way as to give them unique physical advantages in life

Q.4 Educational planning should aim at meeting the educational needs of the entire population of all age groups while the traditional structure of education as a three layer hierarchy from the primary stage to the university represents the core we should not overlook the periphery which is equally important Under modern conditions workers need to rewind or renew their enthusiasm or strike out in a new direction or improve their skills as much any university professor the retired and the aged have their needs as well Educational planning in their words should take care of the needs of everyone. Our structures of education have been built up on the assumption that there is a terminal point to education This basic defect has become all the more harmful today. A UNESCO report entitled Learning to be prepared by Edgar Faure and others in 1973 asserts that the education of children must prepare the future should consist of modules with different kinds of functions serving a diversity of constituent And performance not the period of study should be the basis for credentials the writing is already on the wall In view of the fact that the significance of a commitment of lifelong learning and lifetime education is being discussed only in recent years even in educationally advanced countries the possibility of the idea becoming an integral part of the idea becoming an integral part of educational thinking seems to be a far cry For to move in that direction means such more than some simple rearrangement of the present organization of education but a good beginning can be made by developing open university programs for older learners of different categories and introducing extension services in the conventional colleges and schools also these institutions should learn to cooperate with the numerous community municipal recreational programs health services

d.What should be the major characteristic of the future educational system

A. Different modules with same function

B. Same module for different groups

C. No modules but standard compulsory program for all

D. None of these

14

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 questioned 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 be pulled out only four inches to be reconnected to the automated driver. However, records indicate that Byrnes yanked 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 yank it out."

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 1, which is the best antonym for reticent?

The history of civilization shows how man always has to choose between making the right and wrong use of the discoveries science. This has never been more true than in our own age. In a brief period amazing discoveries have been made and applied to practical purpose.

It would be ungrateful not to recognized how immense are the boons which science has given to mankind. It has brought within the reach of multitudes benefits and advantages which only a short time ago were the privilege of the few. It has shown how malnutrition, hunger and disease can be overcome. It has not only lengthened life but it has depended its quality. Fields of the work of science the ordinary and fuller life than was ever possible to his grandparents.

Science provides a chance:

A. Shorter and fuller life

B. Longer and fuller life

C. Longer and dull life

D. None of these

A. Nosv

B. Talkative

C. Reserved

D. Concerned

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. Question:

The best way to win a friend is to avoid

A. irony in speech B. pomposity in speech

C. verbosity in speech D. ambiguity in speech

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16

15

Yellowstone National Park is the U.S. States of Wyoming, Idaho and Montana. It became the first National Park in 1872. There are geysers and hot springs at

Yellowstone. There are also many animals at Yellowstone. There are elk, bison, sheep, grizzly, black bears, moose, coyotes, and more.

More than 3 million people visit Yellowstone National Park year. During the winter, visitors can ski or go snowmobiling there. There are also snow coaches that give tours. Visitors can see *steam* (vapor water) come from the geysers. During other seasons, visitors can go boating or fishing. People can ride horses there. There are nature trails and tours. Most visitors want to see Old Faithful, a very *predictable* geyser at Yellowstone Visitors can check a schedule to see the exact time that Old Faithful is going to erupt. There are many other geysers and boiling springs in the area. Great Fountain Geyser erupts every 11 hours. Excelsior Geyser produces 4,000 gallons of *boiling* water each minute! Boiling water is 100 degrees Celsius, or 212 degrees Fahrenheit – that's very hot! People also like to see the Grand Prismatic Spring. It is the largest hot spring in the park. It has many beautiful colors. The beautiful colors are caused by *bacteria* in the water. These are forms of life that have only one cell. Different bacteria live in different water *temperatures*. Visiting Yellowstone National Park can be a week – long vacation or more. It is beautiful and there are activities for everyone.

A. Minutes

B. Hours

C. Days D. Months

Great Fountain Geyser erupts every 11

Today, Mike and his mom are going to the library. Mike wants to find a book to read. His Mom wants to use a computer there. When they get ot the library. Mike finds a book about detectives. He also finds a book with chapters about a friendly ghost. Finally, he finds a book about a man who lives in the woods without food or water. He puts the books on the front desk and waits for his mom. Mike's mom sit at one of the computers in the library. She checks

er email and looks at pictures of flowers on the internet. Then she reads a news article on a website. Mike's mom leaves the computer and walks over to Mike, holding up something out for him. Mike looks at her quizzically, It takes him a moment to recognize w that movie for us to watch tonight, "says Mike's mom"Sure,"Mike says, now holding the movie out in front of him. He reads the cover while walking back to the library entrance. He puts his books and the movie on the front desk to check out. A librarian stands behind the counter holding an electronic scanner. "How long can we keep them?"Mike asks her. "Three weeks, "says the librarian."Cool, "says Mike.Suddenly, Mike is surprised. His mother is checking out something else that is too big to put on the desk. It's a picture of the ocean. "What is that for?"Mike asks."To put on our wall at home, "says Mike's mom.:You can do that?"Mike asks.Mike's mom smiles at the librarian. "Yes, "she says, " but we have to return it in three months."While at the computer, Mike's moml. checks her mailll. looks at picturelll. reads an article

A. I only

B. I andll only C. Il andll only

D. I ,II andIII

But I do recommend some game as a part of recreation. As long as I could see to play and sufficient tennis, I enjoyed immensely the game of real or court skill, a very ancient game, requiring activates as well as some pride, because for the first time, at any rate in the recent history of the game, an amateur is champion of the sometimes criticized for paying too much attention to games. Football is a national game of America as well as in England but I do not suppose that either you or we think that our soldiers fought any worse in the war of having been fond of football. I put games definitely as a desirable part of recreation, and I would say: have one or more games of which you are fond, but let them have any rate in youth be activity of the whole body, as well as skill,

Sport shall be mentioned next. I have had a liking for more than one form of sport, but an actual passion for salmon and trout fishing. Salmon fishing, as I have enjoyed it, fishing not from a boat but from one's feet, either on the bank or wading deep in the stream, is a glorious and sustained exercise for the whole body, as well as being an exciting-sport; but many of my friends do not care for it. To them, I say, as one who was fond of George Meredith's Novels once said to be man who complained that he should not read them, 'why should you?' if you do not care for fishing, do not fish. Why should you? But if we are to be one equal term and you are be one the same happy level as I hav3e been, then find something for yourself which you like as much as I like fishing.

A. Activity only

B. Skill only

C. Both activity and skill
D. Less skill and more activity

Court tennis requires:

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