

ECAT Pre General Science English Chapter 8 Comprehension

Sr	Questions	Answers Choice
1	<p>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 he asserted that "novel-reading occasions the destruction of the mind's powers."</p> <p>These attitudes towards novels help explain why Austen received little attention from early nineteenth-century literary critics. (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.</p> <p>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 recognizably human and interesting characters than when imparted by a sermonizing narrator. Whately especially praised Austen's ability to create character who "mingle goodness and villainy, weakness and virtue, as in life they are always mingled." Whately concluded his remarks by comparing Austen's art of characterization to Dickens', stating his preference for Austen's.</p> <p>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.</p> <p>The author quotes Coleridge in order to</p>	<p>A. Refute the literary opinions of certain religious and political groups B. Make a case for the inferiority of novel to poetry C. Give an example of a writer who was not a literary reactionary D. Indicate how widespread the attack on novels was in the early nineteenth century</p>
2	<p>Q.3 Democratic societies from the earliest times have expected their governments to protect the weak against the strong No era of good feeling can justify discharging the police force or giving up the idea of public control over concentrated private wealth On the other hand it is obvious that a spirit of self denial and moderation on the part of those who hold economic power will greatly soften the demand for absolute equality Men are more interested in freedom and security than in an equal distribution of wealth the extent to which Government must interfere with business therefore is not exactly measured by the extent to which economic power is concentrated into few hands The required degree of government interference depends mainly on whether economic powers are oppressively used and on the necessity of keeping economic factors in a tolerable state of balance However with the necessity of meeting all these dangers and threats to liberty the powers of government are unavoidably increased whichever political party may be in office The growth of government is a necessary result of the growth of technology and of the problems that go with the use of machines and science since the Government in our nation must take on more powers to meet its problems there is no way to preserve freedom except by making democracy more powerful.</p> <p>c. The growth of government is necessitated to</p>	<p>A. Make the rich and the poor happy B. Curb the accumulation of wealth in a few hands C. Monitor science and technology D. Deploy the police force wisely</p>

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The author would most likely agree to which of the following as the best measure of a writer's literary success?

- A. Inclusion of the writer's work in an academic curriculum
- B. Publication of the writer's work in the writer's own name
- C. Existence of debate among critics about the writers's work
- D. Praise of the writer's work by religious and political groups

The purpose of education is to make the student an expert in his subject. This must be clearly understood, and mere mudding through lessons and lectures and books and passing examinations are relegated to secondary importance as means to the end-which is excellence in the field chosen.

But there are so many fields, and no man can become an expert in all the fields it is necessary to decide which fields are important ones that a man should know well.

It is clear that one's own work is the most important. This has been realized and modern civilization has accordingly provided vocational education. It is now possible to acquire high professional skill in the various fields, medicine, engineering production, commerce and so on-but with good and bad mixed together, and no standard for guidance.

What, according to the writer, is the end?

- A. Excellence in the field chosen
- B. Passing the examination
- C. Earning more and more
- D. Cramming lectures and books

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

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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.

"She hated highway driving, finding it ugly and monotonous."

Which of the following is the best way to rewrite the above sentence, while keeping its original meaning?

- A. She hated highway driving, finding it ugly and tedious
- B. She hated highway driving, finding it ugly and confusing
- C. She hated highway driving, finding it ugly and nerve-wracking
- D. She hated highway driving, finding it ugly and time-consuming

6

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 teeming 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.

This is the age of the?

- A. Machine
- B. Animal husbandry
- C. Agriculture
- D. Wars

7

Many people like to eat pizza, but not everyone knows how to make it. Making the perfect pizza can be complicated, but there are lots of ways for you to make basic version at home.

When you make pizza, you must begin with the crust. The crust can be hard to make. If you want to make the crust yourself, you will have to make dough using flour, water, and yeast. You will have to knead the dough with your hands. If you do not have enough time to do this, you can use a prepared crust that you buy from the store.

After you have chosen your crust, you must then add the sauce. Making your own sauce from scratch can take a long time. You have to buy tomatoes, peel them, and then cook them with spices. If this sounds like too much work, you can also purchase jarred sauce from the store. Many jarred sauces taste almost as good as the kind you make at home.

Now that you have your crust and your sauce, you need to add the cheese. Cheese comes from milk, which comes from cows. Do you have a cow in your backyard? Do you how to milk the cow? Do you know how to turn that milk into cheese? If not, you might want to buy cheese from the grocery store instead of making it yourself. When you have the crust, sauce, and cheese ready, you can add other toppings. Some people like to put meat on their pizza, while other people like to add vegetables. Some people even like to add pineapple! The best part of making a pizza at home is that you can customize it by adding your own favorite ingredients

In paragraph 4, the author asks a series of question in order to

- A. Support the idea that most people cannot make homemade cheese
- B. Reinforce the idea that most people probably live on farms
- C. Prove that store-bought cheese tastes better than homemade cheese
- D. Emphasize the superiority of homemade cheese over store bought cheese

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

- A. Few
- B. Found nowhere

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.

C. Immense
D. Very few

The boons of science are:

The history of the modern world is a record of highly varied activity, of incessant change, and of astonishing achievement. The lives of men have, during the last few centuries, increasingly diversified, their powers have greatly multiplied, their powers have greatly multiplied, their horizon been enormously enlarged. New interests have arisen in rich profusion to absorb attention and to provoke exertion. New aspirations and new emotions have come to move the soul of men. Amid all the bewildering phenomena, interest, in particular, has stood out in clear and growing pre-eminence, has expressed itself in a multitude of ways and with an emphasis more and more pronounced, namely, the determination of the race to gain a larger measure of freedom than it has ever known before, freedom in the life of the intellect and spirit, freedom in the realm of government and law, freedom in the sphere of economic and social relationship. A passion that has prevailed so widely, that has transformed the world so greatly, and is still transforming it, is one that surely merits study and abundantly rewards it, its operations constitute the very pith and marrow of modern history.

A. The modern age
B. The time of the French Revolution
C. The Renaissance and the Reformation
D. None of these

Not that this passion was unknown to the long ages that proceeded the modern periods. The ancient Hebrews, the ancient Greeks and Roman blazed the way leaving behind them a precious heritage of accomplishments and suggestions and the men who were responsible for the Renaissance of the fifteenth century and the Reformation of the sixteenth century contributed their imperishable part to this slow and difficult emancipation of the human race. But it is in modern times the pace and vigour, the scope and sweep of this liberal movement have so increased unquestionably as to dominate the age, particularly the last three centuries that have registered great triumphs of spirit.

In what epochs of modern history have men especially contributed to the emancipation of human race?

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 the 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 unspecified. Sometimes they work on book series with a lot of individual titles, such as The Hardy Boys and the Nancy Drew series.

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.

Stratemeyer noticed the increasing popularity of mysteries among adult, and surmised that children would enjoy reading mysteries about younger detectives with whom they could identify. Stratemeyer 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.

A. Introduction, explanation, history, controversy, conclusion
B. Introduction, history, controversy, explanation, conclusion
C. History, explanation, summary, conclusion, controversy
D. History, controversy, explanation, summary, conclusion

Because 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 Á. Wirt, a young writer from Iowa, 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 athlete 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 far-fetched, 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 libraries.

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 Hardy.

Which of the following best describes the structure of this passage?

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A great deal of discussion exists 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 quest for an ever expanding food supply. Because the healthy, nutrition and general well-being of the 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 sustainable natural resources 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 governments 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. There has been a pronounced deterioration of habitat all over the globe because of

- A. Rigorous operation of the Malthusian principle
- B. Unprecedented urbanization and dislocation of self contained rural communities
- C. Optimum degree of industrialization in the developing countries
- D. Large scale deforestation and desertification

12

Q.5 Recent advances in 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, scientists 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 inferior. Genetic information can therefore be abused and its application in deciding the sex of the foetus and its subsequent abortion is now hotly debated on ethical lines but on this 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 or will be able to obliterate disease from this world.

a. Which of the following is the same in meaning as the phrase 'holding out' as used in the passage?

- A. Catching
- B. Expounding
- C. Sustaining
- D. Restraining

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13	<p>information can sometimes be damaging for it may adversely affect people psychologically. Genetic information may lead to a 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 debated on ethical lines. But on this 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 or will be able to obliterate disease from this world.</p> <p>Which of the following is the opposite in meaning to the word 'charged' as used in the passage?</p>	<p>A. Calm B. Disturbed C. Discharged D. Settled</p>
14	<p>Q.5 Recent advances in 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, a 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 a 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 debated on ethical lines, but on this 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 or will be able to obliterate disease from this world.</p> <p>k. Which of the following according to the author are the short-comings of genetics in becoming an exact science?</p>	<p>A. Technicians have not been able to manipulate germ cells B. Both A and B C. Either A or B</p>
15	<p>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 cream 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.</p> <p>Based on its use in the passage, which of the following statements accurately describes something that has been 'obscured'?</p>	<p>A. The tall, thick pine trees in Chloe's yard provide shade for her house B. A sun visor is one of Ken's favorite hats, because it helps protect his face from harsh rays C. After it stopped raining, the sun was barely visible through the gray clouds D. Because of his favorite, bright red sweatshirt, Anthony is always easy to spot</p>
16	<p>The hammer may be the 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 makes 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 others) 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.</p>	<p>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."</p>

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?

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, tile-like plate called a sclerite. Because of these plates, fleas are almost impossible to squish. The exoskeletons 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 starting 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.

The author mentions the Washington Monument in order to

A. Estimate the extreme distance that a flea is able to jump

B. Illustrate a comparison made between fleas and humans

C. Clarify a point made regarding fleas and acceleration

D. Demonstrate the superiority of fleas over human

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.

Football is a national game in:

A. America only

B. England only

C. America and England

D. China

Q.5 Recent advances in science and technology have made it possible for geneticists to find out abnormalities in the unborn fetus and take remedial action to rectify some defects which

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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 a 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 debated on ethical lines. But on this 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 or will be able to obliterate disease from this world.

I. Which of the following is the same in meaning as the word **squarely** as used in the passage?

- A. Rigidly
- B. Firmly
- C. Directly
- D. At right angle

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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 use 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.

Which dish does Paul like best?

- A. The creamy one
- B. Beef soup
- C. Tomato salad
- D. Blueberry pancakes