

ECAT Pre General Science English Chapter 8 Comprehension

Sr	Questions	Answers Choice
1	<p>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.</p> <p>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.</p> <p>Something predict table is something</p>	<p>A. People enjoy B. People talk about C. People know in advance D. People pay for in advance</p>
2	<p>When you imagine the desert, you probably think of a very hot place covered with sand. Although this is a good description for many deserts. Earth’s 1 with ice: Antarctica. In order for an area to be considered a desert, it must receive very little rainfall. More specifically, it must receive an average of less than ten inches of precipitation - which can be rain, sleet, hail , or snow - on the ground every year. Antarctica, the coldest place on earth, has an average temperature that usually falls below the freezing point. And because cold air holds less moisture than warm air, the air in Antarctica does not hold much moisture at all. This is evident in the low precipitation statistics recorded for Antarctica. For example , the central part of Antarctica receives an average of less than 2 inches of snow every year. The coastline of Antarctica receive a little bit more-between seven and eight inches a year. Because Antarctica gets so little precipitation every year, it is considered a desert. When precipitation falls in hot deserts, it quickly evaporates back into the atmosphere. the air over Antarctica is too cold to hold water vapor, so there is very little evaporation. Due to this low rate of evaporation, most of the snow that falls to the ground remains there permanently, eventually building up into thick ice sheets. Any snow that does not freeze into ice sheets becomes caught up in the strong winds that constantly blow over Antarctica. These snow-filled winds can make it look as if it is snowing. Even though snowfall is very rare there, blizzards are actually very common on Antarctica.</p> <p>Question: It can be understood that blizzards in Antarctica are mainly the result of</p>	<p>A. freezing cold temperatures B. large amounts of snowfall C. low amount of precipitation D. strong winds</p>
3	<p>Arrowheads, which are ancient hunting tools, are often themselves ‘hunted’ for their interesting value both as artifacts and as art. Some of the oldest arrowheads in the United States date back 12,000 years. They are not very difficult to find. You need only to walk with downcast eyes in a field that has been recently tilled for the spring planting season, and you might find one.</p> <p>Arrowheads are tiny stones or pieces of wood, bone, or metal which have been sharpened in order to create a tipped weapon used in hunting. The material is honed to an edge, usually in a triangular fashion, and is brought to a deadly tip. On the edge opposite the tip is a flared tail. Though designs vary depending on the region, purpose, and era of the arrowhead’s origin, the tails serve the same purpose. The tail of the arrowhead is meant to be strapped onto a shaft, which is a straight wooden</p> <p>piece such as a spear or an arrow. When combined, the arrowhead point and the shaft become a lethal projectile weapon to be thrown by arm or shot with a bow at prey.</p> <p>Indian arrowheads are important artifacts that give archeologists (scientists who study past human societies) clues about the lives of Native Americans. By analyzing an arrowhead’s shape, they can determine the advancement of tool technologies</p>	<p>A. Archeologists can determine many things about Native American societies simply by looking at an arrowhead B. Archeologists are scientists who study a range of events that have already occurred C. Arrowheads represent the only way to determine how Native Americans lived in the past</p>

among certain Native American groups. By determining the origin of the arrowhead material (bone, rock, wood, or metal), they can trace the patterns of travel and trade of the hunters. By examine the location of the arrowheads, archeologists can map out hunting grounds and other social patterns.

Americans lived in the past
D. Archeologists know so much about ancient societies because they have conducted extensive research about them

Arrowheads are commonly found along riverbanks or near creek beds because animals drawn to natural water sources to sustain life were regularly found drinking along the banks. For this reason, riverbeds were a prime hunting ground for the Native Americans. Now, dry and active riverbeds are prime hunting grounds for arrowhead collectors.

Indian arrowheads are tiny pieces of history that fit in the palm of your hand. They are diary entries in the life of a hunter. They are museum pieces that hide in the dirt. They are symbolic of the eternal struggle between life and death.

Which of the following best summarizes the main idea of paragraph 3?

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.

4

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.

- A. Wings
- B. Arms
- C. Feet
- D. Machines

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

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, 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 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.

5

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

Right now, I am looking at a shelf full of relics, a collection of has-beens, old-timers, antiques, fossils. Right now I am lolling at a shelf full of books. Yes that's right. If you have some spare cash (the doing rate is about \$89) and are looking to enhance your reading experience, then I highly suggest you consider purchasing an e-reader. E-readers are replacing the books of old, and I welcome them with open arms (as you should).

If you haven't heard of an e-reader and don't know what it is, then please permit the following explanation. An e-reader is a device that allows you to read e-books. An e-book is a book-length publication in digital form, consisting of text, images, or both, and produced on, published through, and readable on computers or other electronic devices. Sometimes the equivalent of a conventional printed book, e-books can also be born digital. The Oxford Dictionary or English defines the e-book as "an electronic version of a printed book, "but e-book can and do exist without any printed equivalent.

So now you know what an e-reader is. But you still may be wondering why they put printed books to shame. E-readers are superior to printed books because they save space, are environmentally friendly, and provide helpful reading tips and tools that printed books do not.

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E-readers are superior to printed books because they save space. The average e-reader can store thousands of digital book, providing a veritable library at your fingertips. What is more, being the size and weight of a thin hardback, the e-reader itself is relatively petite. It is easy to hold and can fit in a pocketbook or briefcase easily. This makes handling ponderous behemoths such as War and Peace, Anna Karenina, and Les Miserables a breeze. Perhaps the only drawback to the space-saving aspect of an e-reader is that it requires you to find new things to put on your shelves.

6

- A. Maintain
- B. Allow
- C. Enforce
- D. Yield

In addition, e-readers are superior to books because they are environmentally friendly. The average novel is about 300 pages long. So, if a novel is printed 1000 times, it will use 300,000 pieces of paper. That's a lot of paper! If there are about 80,000 pieces of paper in a tree, this means it takes almost 4 trees to make these 1000 books. Now, we know that the average bestseller sells about 20,000 copies per week. That means that it takes over 300 trees each month to sustain this rate. And for the super bestsellers, these figures increase dramatically. For example, the Harry Potter book series has sold over 450 million copies. That's about 2 million trees! Upon viewing these figures, it is not hard to grasp the severe impact of printed books on the environment. Since e-reader use no trees, they represent a significant amount of preservation in terms of the environment and its resources.

Finally, e-reader are superior to books because they provide helpful reading tips and tools that printed books do not. The typical e-reader allows its user to customize letter size, font, and line spacing. It also allows highlighting and electronic bookmarking. Furthermore, it grants users the ability to get an overview of a book and then jump to a specific electronic bookmarking. Furthermore, it grants users the ability to get an overview of a book and then jump to a specific location based on that overview. While these are all nice features, perhaps the most helpful of all is the ability to get dictionary definitions at the touch of a finger. On even the most basic e-reader, users can conjure instant definitions without having to hunt through a physical dictionary.

It can be seen that e-readers are superior to printed books. They save space, are environmentally friendly, and provide helpful reading tips and tools that printed books do not. So what good are printed books? Well, they certainly make nice decorations.

As used in paragraph 5, which is the best synonym for 'sustain'?

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.

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- A. Goods
- B. Food
- C. Goods but avoid the consequences
- D. None of above

The machine age produces:

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 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,

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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. America only
- B. England only
- C. America and England
- D. China

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.”

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.

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’, 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.

According to the passage, the lack of critical attention paid to Jane Austen can be explained by all of the following nineteenth-century attitudes towards the novel

- A. Assurance felt by many people that novels weakened the mind
- B. Certainty shared by many political commentators that the ranges of novels was too narrow
- C. Lack of interest shown by some critics in novels that were published anonymously
- D. Fear exhibited by some religious and political groups that the novel had the power to portray immoral characters attractively

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.

Not that this passion was unknown to the long ages that preceded 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.

- A. Social and political freedom
- B. Moral freedom
- C. Freedom to think and act
- D. Freedom of the intellect and spirit, freedom in the realm of government and law, freedom in the sphere of economic and social relation

What kinds of freedom have been mentioned in the passage?

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.

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- A. Goods
- B. Food
- C. Goods but avoid the consequences
- D. None of above

The machine age produces:

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 produce 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 write and only a few could read what was written.

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b. As the war songs and prayers each generation

- A. Added something of its own to the stock
- B. Blindly repeated the songs and prayers
- C. Composed its own songs and prayers
- D. سوا

Gold used in jewelry is mixed with harder metals to add strength and durability. The metals added can also be used to change gold's color, giving it a for the natural yellow tone of pure gold. Mixtures like these, of less costly metals with more valuable ones, are called alloys. Copper and silver are the most common metals mixed with gold to make yellow gold jewelry. White gold is usually made with an alloy of gold and nickel. The measure of is called gold's purity is called a karat. The higher the karat rating, the higher the amount of pure gold. 24 karat is pure gold, 18 karat is 75% pure gold, 14 karat is 58.5% pure gold, and 9 karat is 37.5% pure gold. All other things being equal, the higher the percentage of pure gold used in the alloy, the more valuable and expensive the jewelry will be. Gold jewelry pieces are usually stamped with a marking to identify the karat amount. White gold that is 24K is too soft for jewelry, 18K, 14K and 9K gold are all appropriate for jewelry, and they all make pieces that look great and wear beautifully.

13

Question:

Based on information in the passage, it can be understood that pure gold is

- A. not used to make rings
- B. stamped with 100K
- C. an alloy of different metals
- D. colorless

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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.

- A. The Indians and the Arabs
- B. The Chinese and the Russians
- C. Ancient Hebrews, ancient Greeks and Romans
- D. The Egyptians

What races, according to the author, have blazed the way of the spirit of freedom?

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.

15

- A. Rickety, Neglected, Run-down
- B. Ancient, Old, Primitive
- C. Dejected, Crushed, Melancholy
- D. Discarded, Abandoned, Discharged

Based on its use in passage, it can be understood that 'dilapidated' belongs to which of the following words groups?

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16

- A. Was Whately aware of Scott's remarks about Jane Austen's novel?
- B. Who is an example of a twentieth-century Marxist critic?
- C. Who is an example of a twentieth-century critic who admired Jane Austen's novels?
- D. What is the author's judgement of Dickens?

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 passage supplies information for answering which of the following questions?

Arrowheads, which are ancient hunting tools, are often themselves 'hunted' for their interesting value both as artifacts and as art. Some of the oldest arrowheads in the United States date back 12,000 years. They are not very difficult to find. You need only to walk with downcast eyes in a field that has been recently tilled for the spring planting season, and you might find one.

Arrowheads are tiny stones or pieces of wood, bone, or metal which have been sharpened in order to create a tipped weapon used in hunting. The material is honed

to an edge, usually in a triangular fashion, and is brought to a deadly tip. On the edge opposite the tip is a flared tail. Though designs vary depending on the region, purpose, and era of the arrowhead's origin, the tails serve the same purpose. The tail of the arrowhead is meant to be strapped onto a shaft, which is a straight wooden piece such as a spear or an arrow. When combined, the arrowhead point and the shaft become a lethal projectile weapon to be thrown by arm or shot with a bow at prey.

- 17 Indian arrowheads are important artifacts that give archeologists (scientists who study past human societies) clues about the lives of Native Americans. By analyzing an arrowhead's shape, they can determine the advancement of tool technologies among certain Native American groups. By determining the origin of the arrowhead material (bone, rock, wood, or metal), they can trace the patterns of travel and trade of the hunters. By examine the location of the arrowheads, archeologists can map out hunting grounds and other social patterns.

A. Wood
B. Glass
C. Bone
D. Stone

Arrowheads are commonly found along riverbanks or near creek beds because animals drawn to natural water sources to sustain life were regularly found drinking along the banks. For this reason, riverbeds were a prime hunting ground for the Native Americans. Now, dry and active riverbeds are prime hunting grounds for arrowhead collectors.

Indian arrowheads are tiny pieces of history that fit in the palm of your hand. They are diary entries in the life of a hunter. They are museum pieces that hide in the dirt. They are symbolic of the eternal struggle between life and death.

According to the passage which of the following is not a material from which arrowheads were made?

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.

- 18 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.

A. Approaching
B. Contacting
C. Introducing
D. Satisfying

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 much 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.

Which of the following is most nearly the same in meaning as the word 'meeting' as used in the passage?

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 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 severely blamed though this

- 19
- A. Calm
B. Disturbed
C. Discharged
D. Settled

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.

Which of the following is the opposite in meaning to the word 'charged' as used in the passage?

Philadelphia is a city known for many things. It is where the Declaration of independence was signed in 1776, and it was also the first capital of the United States. But one fact about Philadelphia is not so well-known: it is home to nearly 3,000 murals painted on the sides of homes and buildings around the city. In fact, it is said that Philadelphia has more murals than any other city in the world, with the exception of Rome. How did this come to be?

More than 20 years ago, a New Jersey artist named Jane Golden started a program pairing troubled youth with artists to paint murals on a few buildings around the city. From this small project, something magical happened. The young people involved helped to create magnificent pieces of art, but there were other, perhaps more important benefits. The young people learned to collaborate and get along with many different kinds of people during the various steps required to paint and design a mural. They learned to be responsible, because they needed to follow a schedule to make sure the murals were completed. They also learned to take pride in their community. It is hard for any resident to see the spectacular designs and not feel proud to be a part of Philadelphia.

Take a walk around some of the poorest neighborhoods in Philadelphia, neighborhoods full of broken windows and littered front steps, and you will find beautiful works of art on the sides and fronts of buildings. Of course the murals are not just in poor neighborhoods, but more affluent ones as well. Special buses take tourists to different parts of the city to see the various murals, which range from huge portraits of historical heroes, to cityscapes, to scenes depicting the diverse ethnic groups that call Philadelphia home.

As a result of its success, the mural program created by Jane Golden has now become the nation's largest public art program and a model for troubled youth.

As used in paragraph 1, the phrase "it is said" suggests that the author is

- A. Knowingly misleading the reader
- B. Using a quote from someone else
- C. Referring to something that is widely believed, but may be untrue
- D. Referring to something that he or she does not personally believe