ECAT Pre General Science English Chapter 8 Comprehension

Sr	Questions	Answers Choice
1	Do you live in a house? You might be surprised to learn that there are many, many kinds of houses. Most people in the United States are used to houses made of wood or bricks.But many people around the word live in houses made of grass, dirt, or cloth.In the Great Rift Valley of Eritrea, the nomadic people who are in the Atr tribe build their houses of straw. Their houses are shaped like domes - half spheres. The homes are small and cool. The people can move their houses when they want to move. Since the people are nomads, they move often. They take their animals to new places in order to find food.People whi belong to the Uros tribe of Lake Titicaca. Peru build their houses of reeds. Not only that - they also live on islands that are made of reeds .Their boats are made of reeds too. About 2,000 people live on these man-made islands. They started to build their own islands about 500 years ago.In Andalusia, in the south of Spain, some people live in underground houses.This kind of house is called a cueba.During the winter, the houses stay warm. During the summer, the houses stay cool.In Sana'a, Yemen, some people live in tall houses made of bricks. These bricks are made of clay, straw and soil.The bricks last many years - maybe as long as 500 years. The modern houses in Sana'a are made to look like the older,traditional houses, but they are made of concrete instead of bricks.In Mindadanao in the Philippines, some people still live in tree houses. The tree houses are made of bamboo with grass roofs. The houses are good lookout for snakes and wild animals. The air is cool and the houses stay dry. Now, most people use these tree houses as meeting places.The fisherman of Sabah, Malaysia build their houses on the water. They use wood from mangrove trees.This wood stays strong in the water.The houses receive official addresses form the government.Fujian, China has many townhouses that are made of hard-packed soil. The dirt becomes as strong as bricks when it is packed hard. One large family group lives in a townhouse. The townhouses were built around 300 years ago. A group of townhouses is protected by a thick dirt-packed wall.In the Gobi Desert in Mongolia, some nomadic people live in homes called gels. These homes are made of cloth. The cloth is filled with animal hair. Two poles in the center of the house hold the house up. The people move often to find food for their animals. The houses are easy to move and set up.Some American Indians live in teepees. These homes are made of cloth or buffalo hide. There are wooden poles used to hold the teepee up. Now some people use teepees only for special ceremonies, but people used to live in them all the time.The traditional houses of Chitos, Greece, are made of stone. They have arched doorways and indoor courtyards.They have outdoor dining rooms which are decorated with tile and rock. This means they are ornamented, and made to look more beautiful.The Dayak people of Indonesia build some of their houses on stilts, several feet the ground. The frame of the house is made of iron. The walls are made of tree bark. The floors are made of wooden planks which are placed side by side.The houses are decorated with pictures of water snakes and rhinoceros birds. These animals are part of the people's story of creation, or how the world was made.People build their houses to fit the needs of their lives. The houses are different, but one thing is the same wherever you go. There's no place like home Question: How are the islands and the houses of the Uros tribe the same?	A. They are both made by machines B. They are both made of reeds C. They are both made of soil D. They are both very modern
2	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 modem history. 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 was 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 sixteen 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. In ancient times B. In early middle ages C. In later middle ages D. In modern times

At what time history did the liberal movement enjoys its heyday?

3

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

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

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

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

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

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

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

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

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

Why did Linnaeus name the plant Theobroma?

A. Because he believed it to be a "gift from heaven"
B. Because the believed it to be "food of the gods"
C. Because the thought chocolate to be toxic
D. Because chocolate was so rare

4

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 about his 'rights':

A. Avoids meeting other people
B. Avoids hard working
C. knows his duties well
D. Believes in hard working

Many people like to eat pizza, but not everyone knows 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

5 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

---

6 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:
A 'slip of the tongue' means something said

A. wrongly by choice
B. unintentionally
C. without giving proper thought
D. to hurt another person

---

7 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?

Question:

Something is edible of it

A. can safely be eaten
B. looks very delicious
C. seems much smaller in real life
D. tastes good

---

8 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

A. Yes
B. Partially yes
C. Sometimes
D. No

production, commerce and so on-but with good and bad mixed together, and no standard for guidance.

According to the passage, can a man become an expert in all fields?

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. Form 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.

9

Take a walk around some of the poorest neighborhoods I 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 they 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 to troubled youth.

In order to make this passage more engaging to readers, the author could have included

I a brief history of Philadelphia

II picture of some of the murals

III an interview with a program muralist

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

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?

10

Question:

Based on information in the passage, it is most important for the lettuce and tomato used in a fast food hamburger commercial to

A. Have a great taste
B. be the perfect shape and size
C. appear natural
D. look fresh

Herschel was a Great Dane, which was a big dog. He was actually a puppy, but he was big enough that he looked like a full-size dog, He was bigger than Todd, his owner. The problem with Herschel was that he wasn't housebroken yet. He was six months old, but his original

11

With Herschel was that he wasn't housebroken yet. He was six months old, but his original owner had kept him on a porch, where he could go to the bathroom whenever he wanted. That owner hadn't had a lot of time to take care of a dog, but he'd wanted one anyway. When he'd moved to another state for work, he'd given up his untrained puppy. It was sad story, but it looked like it might have a good end. Todd loved dogs, and he liked to spend time with them. He liked to train them, so he'd adopted Herschel. If it was going to work out, it would take lots of patience, love,and training.So, Todd woke up early every day. He walked Herschel immediately. They went for a long walk so Herschel could empty his bladder and use the bathroom. White Todd was at school, his mother let the dog out in the back yard every hour.When he returned home, Todd walked Herschel again. He'd put in another walk before they went to bed, too. With enough opportunities to go to the bathroom outside. Herschel didn't need to go inside. Still, he had accidents. He wasn't used to going only outside. It took a lot of patience to clean up his messes. but Todd did it anyway. Dedication was needed with an animal.They walked an walked every day, and Herschel started walking better on a leash. He respected his owner. They got along well together, and there were less and less messes inside. After several weeks, Herschel made it through a day without any trouble.Todd gave Herschel a hug and a special treat.Then, they went for another walk. It was great exercise for both of them,and it gave them time together. Todd hoped they would have many years together. His new friend meant a lot to him.

Question:
Who helps Todd train Herschel?

A. brother
B. sister
C. mother
D. father

12

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 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.

According to the passage, which of the following statements is true?

A. Fleas extend their little spines if threatened
B. Fleas have the ability to jump higher than humans
C. Humans can jump higher if they consume foods containing resilin
D. The resilin found in fleas is used to make rubber bands

Although cynics may like to see he government's policy for women in terms of the party's internal power struggles, it will nevertheless be churlish to deny that it represents a pioneering effect aimed at bringing about sweeping social reforms. In its language, scope and strategies, the policy documents displays a degree of understanding of women's needs that is uncommon in government pronouncements. This is due in large part to the participatory process that marked its formulation, seeking the active involvement right from the start of women's groups, academic institutions and non-government organizations with grass roots experience. The result is not just a lofty declaration of principles but a blueprint for a practical program of action. The policy delineates a series of concrete measures to accord women a

decision-making role in the political domain and greater control over their economic status. Of especially far-reaching impart are the devolution of control of economic infrastructure to women, notably at the gram panchayat level, and the amendment proposed in the Act of 1956 to give women comparcenary rights.

13

And enlightened aspect of the policy is its recognition that actual change in the status of women cannot be brought about by the mere enactment of socially progressive legislation. Accordingly, it focuses on reorienting development programs and sensitizing administrations to address specific situations as, for instance, the growing number of households headed by women, which is a consequence of rural-urban migration. The proposal to create an equal-opportunity police force and give women greater control of police stations is an acknowledgement of the biases and callousness displayed by the generally all-male law-enforcement authorities in case of dowery and domestic violence. While the mere enunciation of such a policy has the salutary effect of sensitizing the administration as a whole, it does not make the task of its implementation any easier. This is because the changes it envisages in the political and economic status of woman strike at the root of power structures in society and the basis of man-woman relationship. There is also the danger that reservation for women in public life, while necessary for their greater visibility, could lapse into tokenism or become a tool in the hands of vote seeking politicians. Much will depend on the dissemination of the policy and the ability of elected representatives and government agencies to reorder their priorities.

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

A. Sublimated
B. Humble
C. Inferior
D. Undignified

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

major role in ***preserving*** and maintaining the America way of life.

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

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

14

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

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

The federal government primarily funds interstate highways. However, they are

A. Massachusetts
B. Texas
C. Utah
D. Both B and C are correct

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

Where are the highest speeds allowed on Interstate highways?

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.

15

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.

It can be inferred from the passage that Whately found Dickens' characters to be

A. Especially interesting to young readers
B. Ordinary persons in recognizably human situations
C. Less liable than Jane Austen's characters to have a realistic mixture of moral qualities
D. More often villainous in recognizably human situation

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 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.

16

According to the passage, the question of abortion is

A. Ignored
B. Hotly debated
C. Unanswered
D. Left to the scientist to decide

17

The history of civilization shows how man always has to choose between making the right and wrong use of the discoveries of 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 recognize 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 where 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 to his quality. Fields of knowledge, experience and recreation open in the past only to few, have been thrown open to million. Through the work of science the ordinary man today has been given the opportunity of a longer and fuller life than was ever possible to his grandparents.

Amazing discoveries of science have been made:

A. In a brief period
B. In a long period
C. In our forefather's age
D. In centuries

18

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 filed chosen
B. Passing the examination
C. Earning more and more
D. Cramming lectures and books

19

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.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.The pilot can control the up-and-down 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.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 directionAs used in paragraph 3, which is the best synonym for 'ascend'?

A. move
B. fly
C. sink
D. climb

20

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 everyone

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.

According to the author, educational plan should attempt to