

## ECAT Pre Engineering MCQ's Test For English Full Book

Sr	Questions	Answers Choice
1	Have you ever wondered what keeps a hot air balloon flying? The same principal that keeps food frozen in the open chest freezers at the grocery store allows hot air balloons to fly. It's very basic principle: Hot air rises and cold air falls. So while the super-cooled air in the grocery store freezer settles down around the food , the hot air in a hot air in a hot air balloon pushes up, keeping the balloon floating above the ground. In order to understand more about how this principal works in hot air balloons, it helps to know more about hot air balloons themselves. div>A hot air balloon has three major parts: the basket, the burner, and the envelope. The basket is where passengers ride. The basket is usually made of wicker. This ensures that it will be comfortable and add little extra weight. The burner is positioned above the passenger's heads and produced a huge flame to heat the air inside the envelope. The envelope is the colorful fabric balloon that holds the hot air. When the air inside the envelop is heated, the balloon rises. <li>div&gt;<div>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 balloon is allowed to cool and the balloon becomes heavier than air. This make the balloon descend.</div></li> <li>div&gt;<div>Before the balloon is launched, the pilot knows which way the wind is blowing. This means that she has a general idea about which wau the balloon will go. But, sometimes the pilot can actually control the direction that the balloon flies while in flight. This is because the air above the ground is sectioned into layers in which the direction of the wind may be different. So even though the pilot can't steer the balloon, she can fly higher or lower into a different layer of air. Some days the difference between the directions of the wind between layers is negligible. But other days the difference is so strong that it can actually push the balloon in a completely different directionAccording t</div></li>	A. I only B. I andll only C. Il andlll only D. I,Il andlll
2	Q.2 The public distribution system which provides food at low prices is a subject of vital concern There is a growing realization that though Pakistan has enough food to feed its masses three square meals a day the monster of starvation and food insecurity continues to haunt the poor in our country Increasing the purchasing power of the poor through providing productive employment leading to rising income and thus good standard of living is the ultimate objective of public policy. However till then there is a need to provide assured supply of food through a restructured more efficient and decentralized public distribution system (PDS). Although the PDS is extensive it is one of the largest such systems in the world it has yet to reach the rural poor and the far off places it remains an urban phenomenon with the majority of the rural poor still out of its reach due to lack of economic and physical access the poorest in the cities and the migrants are left out for they generally do not possess ration cards The allocation of PDS supplies in big cities is larger than in rural areas in view of urgently needs to be streamlined. In addition considering the large food grains production combined with food subsidy on one hand and the continuing slow starvation and dismal poverty of the rural population on the other there is a strong case for making PDS target group oriented. The growing salaried class is provided job security regular income and percent insulation against these gains of development have not percolated down to the vast majority of our working population. If one only dearness allowance to the employees in public and private sector and looks at its growth in the past few years the rising food subsidy is insignificant to the point of inequity The food subsidy is a kind of D.A to the poor the self-employed and those in the unorganized sector of the economy. It is true that subsidies should not become a permanent feature except for the destitute disabled widows and the old it is also true dependence and hence i	A. Sense of insecurity B. Increased dependence C. Shortage of food grains D. Decrease in food grains production
3	Choose Relative Pair Of Word  Limpid: Mud	A. Harmonious: discord B. Cool: ice C. Hill: mountain D. Smooth: oil
4	Rubina likes violin and her sister plays guitar	A. a, the B. a, a C. The, the D. The, a

I am writing in response to response to the article "Protecting our public spaces" in issue 14, published this spring in it, the author claims that "all graffiti is public spaces." I would like to point out that many people believe that graffiti is an art from that can benefit our public spaces just as much as sculpture, fountains, or other, more accepted art forms.

People who object to graffiti usually do so more because of where it is, not what it is.

They argue, as your author does, that posting graffiti in public places constitutes an illegal act of property damage. But the location of such graffiti should not prevent the images themselves from being considered genuine art.

I would argue that graffiti is the ultimate public art form. Spray paint is a medium unlike any other. Though graffiti, the entire world has become a canvas. No one has to pay admission or travel to a museum to see this kind of art. The artists usually do not receive payment for their efforts. These works of art dotting the urban landscape are available, free of charge, to everyone who passes by.

To be clear, I do not consider random words or names sprayed on stop signs to be art. Plenty of graffiti is just vandalism, pure and simple. However, there is also graffiti that is breathtaking in its intricate detail, its realism, or its creativity. It takes great talent to create such involved designs with spray paint.

Are these creators not artists just because they use a can of spray paint instead of a paintbrush, or because they cover the side of a building rather than a canvas?

To declare that all graffiti is vandalism, and nothing more, is an overly simplistic statement that I find out of place in such a thoughtful publication as your magazine. Furthermore, graffiti is not going anywhere, so might as well find a way to live with it and enjoy its benefits. One option could be to make a percentage of public space, such as walls or benches in parks, open to graffiti artists. By doing this, the public might feel like part owners of these works of art, rather than just the victims of a crime.

Based on its use in paragraph 4, which of the following accurately describes something that is intricate?

- A. Everyone was amazed to see the hot air balloon finally swell with air and lift off over the trees

  B. On the enormous hillboard, a
- B. On the enormous billboard, a painted can of soda stood nearly 12 feet high
- C. The photograph was so sharply focused that you could see the individual eyelashes on the subject's faces
- D. The maze had many different paths that curled around each other ina complicated pattern

6	A person who hates women:	A. Misogamist B. Gynaecologist C. Monogamy D. Misogynis
7	The doctor suggested that his patients	A. Take medicine in time B. To take medicine in time C. Took medicine in time D. Taking medicine in time
8	Travelers their reservations well in advance if they want to travel during the Eid holidays.	A. had better to get B. had to get better C. had better get D. had better got
9	Next week I am on vacation. While I am on a vacation, I will work on two projects. First, I will fix the washing machine. The washing machine has been broken for two weeks. To fix it, I will need three tools: a screwdriver, a wrench, and a clamp. It will take one day to fix the washing machine. Next, I will fix our back porch. This is a bigger project. It will probably take about two days to fix the back porch, and will require a screwdriver, a hammer, nails, and a saw. My vacation starts on Monday. I have a lot of work to do, but hopefully I can relax after I finish my work Question:  The author of this passage can best be described as	A. interesting B. lazy C. constructive D. intelligent

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 a 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.

'Era of good feeling' in the paragraph refer to

## A. Time of prosperity

- B. Time of adversity
- C. Time without government
- D. Time of police atrocities

A. Practical

B. Impracticable

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		C. Dilettante D. Verbatim
12	(Complete the sentence with suitable words)  If i form that company I would get a good job	A. Had experience B. Would have experience C. Would has experience D. Would had experience
13	Adverse	A. not eager B. to the point C. not connected D. opposite
14	Paul's wife knows Paul loves to read cookbooks. She decides to get him one for his birthday. Paul tells her he will try to make a new recipe for three days in a row. On Monday, Paul makes blueberry pancakes for breakfast. He gets the blueberries from the farmers' market. On Tuesday, Paul makes beef soup for dinner. He puts in cubes of beef, carrots, and onions. The recipe calls for cream, but Paul does not cream. He uses water instead. On Wednesday, Paul makes a tomato salad with cucumbers and onions. He picks the cucumbers and tomatoes from his garden. He likes this dish best. It was also the easiest for him to make.  On what day does Paul make pancakes?	A. Sunday B. Monday C. Tuesday D. Wednesday
15	Deceit : Diplicity	A. Brevity: Wit B. Individuality: Multiplicity C. Melancholy: Suspicion D. Determination: Tenacity
16	Q.5 Recent advances is science and technology have made it possible for geneticists to find out abnormalities in the unborn foetus and take remedial action to rectify some defects which would otherwise prove to be fatal to the child Though genetic engineering is still at its infancy.scientist can now predict with greater accuracy a genetic disorder it is not yet an exact science since they are not in a position to predict when exactly a genetic disorder will set in While they have not yet been able to change the genetic order of the gene in germs they are optimistic and are holding out that in the near future they might be successful in achieving this feat they have however acquired the ability in manipulating tissue cells However genetic mis-information can sometimes be damaging for it may adversely affect people psychologically Genetic information may lead to tendency to brand some people as inferiors Genetic information can therefore be abused and its application in deciding the sex of the foetus and its subsequent abortion is now hotly 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 on will be able to obliterate disease from this world.  n.According to the author the present state of knowledge about heredity has made geneticists	A. Introspective B. Accusative C. Arrogant D. Optimistic
17	Athar was addicted drinking.	A. On B. For C. To D. With

First introduced in 1927, The Hardy Boys Mystery Stories are a series of books

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

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

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 A. Wirt, a young writer from lowa, began writing the Nancy Drew books. Although they were using prepared outlines as guides, both McFarlane and Wirt developed the characters themselves. The personalities of Frank and Joe Hardy and Nancy arose directly from McFarlane's and wirt's imaginations. For example, Mildred Wirt had been a star college athelete and gave Nancy similar athletic abilities. The ghostwriters were also responsible for numerous plot and setting details. Leslie McFarlane used elements of his small C fictional hometown.

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

According to the passage, The Hardy Boys and Nancy Drew books were created based on the idea that

I mystery books for adults are popular

Il children enjoy reading about characters they can relate to

Ill girls and boys are not interested in the same things

19 Cursory A. Flimsy

A. I only B. I and II only

C. II and III only

D. I, II and III

B. Careful C. Degrading

D. Torment

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

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

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

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

Fleas have very long rear legs with huge thigh muscles and multiple joints. When they

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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.

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

D. I, II and III

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, fleas are able to jump

I with a high rate of acceleration

Il up and down and from side to side

III because the blood they eat contains resilin