

ECAT Pre Engineering MCQ's Test For English Full Book

Sr	Questions	Answers Choice
1	The officers threatened to take reprisals if the lives of their men were _____ by the conquered natives.	A. Destroyed B. Endangered C. Enhanced D. Irritated
2	Hospital : Nurse	A. College : Professor B. Theater : Dramatist C. Artist : Studio D. Drug : Pharmacist

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.

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

The adult female flea mates after her first blood meal and begins producing eggs in just 1 to 2 days. One flea can lay up to 50 eggs in one day and over 2,000 in her lifetime. Flea eggs can be seen with the naked eye, but they are about the size of a grain of salt. Shortly after being laid, the eggs begin to transform into cocoons. In the cocoon state, fleas are fully developed adults, and will hatch immediately if conditions are favorable. Fleas can detect warmth, movement, and carbon dioxide in exhaled breath, and these three factors stimulate them to emerge as new adults. If the flea does not detect appropriate conditions, it can remain dormant in the cocoon state for extended periods. Under ideal conditions, the entire life cycle may only take 3 weeks, so in no time at all, pets and homes can become infested.

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

The author's tone in the passage is best described as

4	Scream : Whisper	A. Staircase : Elevator B. Pedal : Bicycle C. Blaze : Spark D. Repel : Attract
5	There is no incentive for America to sign the treaty since there is every reason to _____ no other nation intends to honour its provisions:	A. Regret B. Inform C. Believe D. Occupy

6	Acrimonious	B. Bitter C. Clever D. Soothing
7	Choose Relative Pair Of Word Earth: Planet	A. Mars: Earth B. Sun: Galaxy C. Moon: Satellite D. Star: Sun
8	Shortage	A. Paucity B. Niggardly C. Wastage D. Hostage
(Complete the sentence with suitable words)		
9	When we provided a lot of information regarding the evasion of the enemy they appreciated _____ this information	A. To have B. Having C. Have D. Has
Identify Error		
10	<u>Before you enter the temple you should take out your shoes</u> No error	A. A B. B C. C D. D E. E
11	Place where birds are kept	A. "Zoo B. "Apiary C. "Aviary D. "Armoury

I am writing in 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 form 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.

In paragraph 4, the writer states, "Plenty of graffiti is just vandalism, pure and simple." He most likely makes this statement in order to

- A. Agree with the author of "Protect Our Public Spaces"
- B. Clarify the limits of his position
- C. **Support his overall argument**
- D. Summarize the counterargument to his own position

- A. The guerilla leader said to his band that they are to protest their country of origin.

(Complete the sentence with suitable words)

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The guerilla leader said to his band you have to protest your benefits at any cost

country at any cost

B. The guerilla leader told his band that they had to protest their country at any cost

C. The guerilla leader told his band that they had to protect their country at any cost

D. The guerilla leader told his band that they have to protest their country at any cost

14

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

A. how to prepare of tsunamis
B. scientists who predict tsunami waves
C. similarities and differences between wave types
D. causes and effects of tsunamis

15

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

A. cannot be predicted by scientists
B. break on the coast, unlike normal waves
C. are caused by volcanoes, landslides and meteorites
D. can be as tall as a ten-story building

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 American way of life.

The interstate highway system has several major functions. One of its major functions is to **facilitate** the distribution of US goods. Because the interstate 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 routes 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 Carolina to Greensboro, North Carolina. 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.

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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

A. Traveling
B. Taking up
C. Giving out
D. Producing

highways begin in the south with the lowest even numbers. There are 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 to 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 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.

Distribution is the process of

	Choose Relative Pair Of Word	
17	Church: Spire	A. Temple: shrine B. Opera: stage C. Courtroom: bench D. Mosque: minaret
18	Choose the correctly spelt word	A. RELIGIAN B. RILIGION C. RELIGION D. RELIGEN
19	Your book is better than her book, but our book is the best	A. Best B. The best C. The better D. The best than
	Have you ever wondered what keeps a hot air balloon flying? The same principle 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 principle 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 produces 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	A. head toward a mountain peak B. wait for it to rain C. fly into a cloud D. fly higher
20	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 makes 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 way 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 direction. If the hot air balloon pilot wants to change directions during flight, what might he or she do to accomplish this?	