

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

Sr	Questions	Answers Choice
1	Indulgent	A. Active B. Agile C. Squanders D. Oppressive
2	Copious	A. Grand B. Affluence C. Meager D. Weird
3	Meager	A. Minimize B. Lavish C. Sensitive D. Recover
4	<p><b>(Complete the sentence with suitable words)</b></p> <p>The guerilla leader said to his band you have to protest your benefits at any cost</p>	<p>A. The guerilla leader said to his band that they are to protest their country at any cost</p> <p>B. The guerilla leader told his band that they had to protest their country at any cost</p> <p>C. The guerilla leader told his band that they had to protect their country at any cost</p> <p>D. The guerilla leader told his band that they &amp;nbsp;  have to protest their country at any cost</p>
5	Would you _____ giving your book to me.	A. desires B. mind C. calling D. observe
6	<p>Choose Relative Pair Of Word</p> <p>SCIENTIST : LABORATORY</p>	A. Teacher : Classroom B. Dentist : Drill C. Lawyer : Client D. Actor : Playwright E. Chemist : Test tube
7	If the application for a new IT job in US _____ more on the interview preparation, the results of their efforts would have bee quite different	A. Have focused B. Had focused C. Focused D. Were focused
8	ENIGMA : RIDDLE	A. labyrinth : maze B. dilemma : alternatives C. Sphinx : Egyptian D. bull : matador
9	<p><b>Identify Error</b></p> <p>When he was <u>over eighty</u> <u>used to recount</u> that <u>incident with much chuckles</u>. <u>No error</u></p>	A. A B. B C. C D. D E. E
10	Compendium	A. Summary B. Index C. Reference D. Glossary
11	The jug is full ____ milk.	A. Of B. With C. In D. Upon
12	Desolate	A. Abandon B. Dislocate C. Populated D. Mistake

In the early 1920's, settlers came to Alaska looking for gold. They traveled by boat to the coastal towns of Seward and Knik, and from there by land into the gold fields. The trail they used to travel inland is known today as the Iditarod Trail, one of the National Historic Trails designated by the congress of the United States. The Iditarod Trail quickly became a major

designated by the Congress of the United States. The Iditarod Trail quickly became a major thoroughfare in Alaska, as the mail and supplies were carried across this trail. People also used it to get from place to place, including the priests, ministers, and judges who had to travel between villages down this trail via dog sled.

Once the gold rush ended, many gold-seekers went back to where they had come from, and suddenly there was much less travel on the Iditarod Trail. The introduction of the airplane in the late 1920's meant dog teams were mode of transportation, of course airplane carrying the mail and supplies, there was less need for land travel in general. The final blow to the use of the dog teams was the appearance of snowmoniles.

By the mid 1960's most Alaskans didn't even know the Iditarod Trail existed, or that dogs had played a crucial role in Alaska's early settlements. Dorothy G. Page, a self-made historian, recognized how few people knew about the former use of sled dogs as working animals and about the Iditarod Trail's role in Alaska's colorful history. To she came up with the idea to have a dog sled race over the Iditarod Trail. She presented her idea to an enthusiastic musher, as dog sled drivers are known, named Joe Redington, Sr. Soon the pages and the Redintons were working together to promote the idea of the Iditarod race.

- A. Formula
- B. Way
- C. Preference
- D. Option

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Many people worked to make the first Iditarod Trail Sled Dog Race a reality in 1967. The Aurora Dog Musher's Club, along with men from the Adult Camp in Sutton, helped clear years of overgrowth from the first nine miles of the Iditarod Trail. To raise interest in the race, a \$25,000 purse was offered, with Joe Redington donating one acre of his land to help raise the funds. The short race, approximately 27 miles long, was put on a second time in 1969.

After these first two successful races, the goal was to lengthen the race a little further to the ghost town of Iditarod by 1973. However in 1972, the U.S. Army reopened the trail as a winter exercise, and so in 1973, the decision was made to take the race all the way to the city of Nome-over 1,000 miles. There were who believed it could not be done and that it was crazy to send a bunch out into vast, uninhabited Alaskan wilderness. But the race went! 22 mushers finished that year, and to date over 400 people have completed it.

As used in paragraph 2, which is the best definition for 'mode'?

14 Anxiety

- A. apprehension
- B. tranquility
- C. carelessness
- D. fury

15 Disperse : Assemble

- A. Atmosphere : Clouds
- B. Anarchy : Order
- C. Book : Title
- D. Table : Legs

16 Glorify

- A. Rectify
- B. Appraise
- C. Extol
- D. Kneel down

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.

- A. Estimate the extreme distance that a flea is able to jump
- B. Illustrate a comparison made between fleas and humans
- C. Clarify a point made regarding fleas and acceleration
- D. Demonstrate the superiority of fleas over human

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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

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

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

The author mentions the Washington Monument in order to

On January 3, 1961, nine days after Christmas, Richard Legg, John Byrnes, and Richard McKinley were killed in a remote desert in eastern Idaho. Their deaths occurred when a nuclear reactor exploded at a top-secret base in the National Reactor Testing Station (NRTS). Official reports state that the explosion and subsequent reactor meltdown resulted from the improper retraction of the control rod. When questioned about the events that occurred there, officials were very reticent. The whole affair, in fact, was discussed much, and seemed to disappear with time.

In order to grasp the mysterious nature of the NRTS catastrophe, it help to know a bit about how nuclear reactors work. After all, the generation of nuclear energy may strike many as an esoteric process. However, given its relative simplicity, the way in which the NRTS reactor functions is widely comprehensible. In this particular kind of reactor, a cluster of nine-ton uranium fuel rods are positioned lengthwise around a central control rod. The reaction begins with the slow removal of the control rod, which starts a controlled nuclear reaction and begins to heat the water in the reactor. This heat generates steam, which builds pressure inside the tank. As pressure builds, the steam looks for a place to escape. The only place this steam is able to escape is through the turbine. As it passes through the turbine on its way out of the tank, it turns the giant fan blades and produces energy.

18 On the morning of January 3, after the machine had been shut down for the holidays, the three men arrived at the station to restart the reactor. The control rod needed to be pulled out only four inches to be reconnected to the automated driver. However, records indicate that Byrnes yanked it out 23 inches, over five times the distance necessary. In milliseconds the reactor exploded. Legg was impaled on the ceiling; he would be discovered last. It took one week and a lead-shielded crane to remove his body. Even in full protective gear, workers were only able to work a minute at a time. The three men are buried in lead-lined coffins under concrete in New York, Michigan, and Arlington Cemetery, Virginia.

- A. Vague
- B. Disturbing
- C. Detailed
- D. Strange

The investigation took nearly two years to complete. Did Byrnes have a dark motive? Or was it simply an accident? Did he know how precarious the procedure was? Other operators were questioned as to whether they knew the consequences of pulling the control rod out so far. They responded "Of course! We often talked about what we would do if we were at a radar station and the Russians came.

"We'd yank it out."

Official reports are oddly ambiguous, but what they do not explain, gossip does. Rumors had it that there was tension between the men because Byrnes suspected the other two of being involved with his young wife. There is little doubt than he, like the other operators, knew exactly what would happen when he yanked the control rod.

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

19 At daggers drawn:

- A. Real cause
- B. To be puzzled
- C. At enmity
- D. At friendship

20 You must dispense \_\_\_\_\_ his services

- A. of
- B. in
- C. at
- D. with