

ECAT Pre Engineering MCQ's Test For English Full Book

Sr	Questions	Answers Choice
1	That which is contrary to law:	A. Legal B. Imminent C. Legacy D. Illegal
2	A legislation was passed to punish brokers who _____ their clients funds:	A. Defalcate B. Devastate C. Devour D. Embezzle

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 ro, 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.

3	<p>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.</p>	A. The turning of the turbine blades B. The escape of pressurized steam C. He removal of the control rod D. The positioning of the uranium fuel rods
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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.

According to the paragraph 2, which of the following is directly responsible for energy production?

4	They had an accident in _____ car they painted last month	A. An new car B. The new car C. A new car D. New car
5	<p>Choose correct word or phrase that is most similar to the word given</p> <p>GARGOYLE</p>	A. Stone spout B. Golden eagle C. Garish D. Vile E. Negation

6 Ally

- A. foe
- B. colleague
- C. partner
- D. companion

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

7

Question:

Which of the following statements best captures the main idea of this passage?

- A. Although gold is very valuable, it is also very expensive
- B. Gold jewelry is stamped with its karat weight
- C. Gold jewelry is made using alloys
- D. Colored gold is more valuable than white gold

But I do recommend some game as a part of recreation. As long as I could see to play and sufficient tennis, I enjoyed immensely the game of real or court skill, a very ancient game, requiring activates as well as some pride, because for the first time, at any rate in the recent history of the game, an amateur is champion of the sometimes criticized for paying too much attention to games. Football is a national game of America as well as in England but I do not suppose that either you or we think that our soldiers fought any worse in the war of having been fond of football. I put games definitely as a desirable part of recreation, and I would say: have one or more games of which you are fond, but let them have any rate in youth be activity of the whole body, as well as skill,

8

Sport shall be mentioned next. I have had a liking for more than one form of sport, but an actual passion for salmon and trout fishing. Salmon fishing, as I have enjoyed it, fishing not from a boat but from one's feet, either on the bank or wading deep in the stream, is a glorious and sustained exercise for the whole body, as well as being an exciting-sport; but many of my friends do not care for it. To them, I say, as one who was fond of George Meredith's Novels once said to be man who complained that he should not read them, 'why should you?' if you do not care for fishing, do not fish. Why should you? But if we are to be one equal term and you are be one the same happy level as I hav3e been, then find something for yourself which you like as much as I like fishing.

Football is a national game in:

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

9

During the war of 1965 thousands of villagers _____ to leave their homes

- A. Were force
- B. Would forced
- C. Forced
- D. Were forced

10

While he was alone in the jungle at the night Tahir scurried away in fright _____

- A. When he saw a shadow in the dark
- B. The shadow in the darkness having been seen by him
- C. After he was watching shadow in the dark
- D. When he has seen that something in the dark

11

Heat : Calorimeter

- A. Centigrade : Fahrenheit
- B. Distance : Odometer
- C. Fuel : Tachometer
- D. Speed : Altimeter

12

BUTCHER : MEAT

- A. Maid : Chores
- B. Teacher : Knowledge
- C. Librarian : Books
- D. Baker : Bread

Cindy liked parks. She liked the trees and grass and nature. She liked the birds and squirrels she say in parks. She also liked walking down wooded trails or riding bikes along gravel paths. Parks were a lot more fun to exercise in than just walking down the street. because there was so much to see. She had been to many kinds of parks. Some were in mountains, with rivers and hiking. Some were open areas with broad stretches of green grass to play on. Others were in the forest, with paths running beneath towering trees with sweeping branches overhead. Cindy's favorite parks were near lakes. There was a lake park not far from her house. It had a boardwalk trail that was set on pilings across a shallow lake. That was the best part. She loved to walk along the brown wood path and stop along the way, looking in the water for frogs and turtles. There were a few pavilions to stop and sit under in the shade. The water was deeper near them, so she could see fish sometimes. Occasionally, she would even see long-legged water birds, like cranes. The fall was the best time to visit the lake parks. With the leaves changing color, it was very beautiful. The sun would be out in the cloudy sky, and then cool breezes would blow through the reeds and water grasses. Spring was nice, too, because all the butterflies were out. The flowers and blossoming trees along the wooded paths were fragrant and beautiful. The lake grasses

13

- A. Spring
- B. Summer
- C. Fall
- D. Winter

were tall and green, rustling in the wind. Cattails bobbed among the reeds. It was a good time to visit. Summer was okay. It was still pretty, but too hot. At least in winter things were pretty, if in a stark and cold way. The white dusting of snow that covered everything gave the park a clean look. It was fun to follow other people's footprints in the snow, or to go out on the boardwalk and look at the frozen top of the lake. If Cindy had her way, she would visit the park every day. Come to think of it, she did it was also a great place to do homework or read.

Question:

Which season was Cindy's most favourite to visit the park?

14	Aberration	A. irregularity B. regularly C. improve D. opening
15	I tried to _____ my friend after he got a phone call unjustly accusing him of breaking the neighbour's window	A. manifest B. placate C. impertinent D. meticulous

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.

16	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.	A. Humans do not possess the physical characteristics of the flea because they have no use for them B. Humans do not pay much attention to fleas because they do not pose a serious threat C. Fleas have many physical advantages, although these are outweighed by their many disadvantages D. Fleas are designed in such a way as to give them unique physical advantages in life
	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.	
	Using the information in the passage as a guide, it can be concluded that	

17	True health and true success go together for they are inseparably _____ in the thought realm.	A. Interwined B. Tied up C. Bound up D. Inter-related
18	I am writing this essay _____ blue ink.	A. in B. with C. from D. on
19	Anti-oxidant	A. pollution B. vacuum C. preservative D. bully

Identify Error

20

This work on spontaneous generation was of great value because it stimulate other scientists to study the habits of germs. No error

- A. A
- B. B
- C. C
- D. D
- E. E