

ECAT Pre General Science English MCQ's Test For Full Book

Sr	Questions	Answers Choice
1	<p>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.</p> <p>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.</p> <p>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.</p> <p>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.</p> <p>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.</p> <p>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.</p> <p>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.</p> <p>The primary purpose of the passage is to</p>	<p>A. Educate the reader about the physical characteristics of fleas</p> <p>B. Compare fleas to other members of the animal kingdom</p> <p>C. Relate the problems that can result from a flea infestation</p> <p>D. Explain why a flea infestation is hard to get rid of</p>
2	Outbreak	<p>A. Confined</p> <p>B. Smash</p> <p>C. Reliability</p> <p>D. Tumult</p>
3	He appeared _____ began to take the exam	<p>A. Nervous as he</p> <p>B. Nervously when he</p> <p>C. Nervously as he</p> <p>D. None</p>
4	PARK : RECREATION	<p>A. Kitchen : Cooking</p> <p>B. Fence : Sitting</p> <p>C. Tree : Climbing</p> <p>D. Yard : Playing</p>
5	One who comes to settle in country:	<p>A. Tourist</p> <p>B. Emigrant</p> <p>C. Immigrant</p> <p>D. Visitor</p>
		A. To keep low ground

6 _____ prevents you smoke inhalation

B. Keeping low to the ground
C. Low to the ground keeping
D. Keeping low to the ground, that

7 Mentor

A. Lawyer
B. Counselor
C. Enemy
D. Curator

Although cynics may like to see the 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 impact 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.

8 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 dowry 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 most nearly the same in meaning to 'callousness' as used in the passage?

9 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.

Which of the following is the same in meaning as the word 'obliterate' as used in the passage?

10 Choose Relative Pair Of Word

Reticent: Prattle

A. Hedonist: war
B. Phlegmatic: emote
C. Ascetic: austerity
D. Cheater: child

A great deal of discussion countries as to the real extent of global environmental degradation and its implicational. What few people challenge however is that the renewable natural resources of developing countries are today subject to stresses of unprecedented magnitude. These pressures are bought about, in part, by increased population and the quest for an ever expanding food supply. Because the healthy, nutrition and general well-being of the poor majority are directly depends on the integrity and productivity of their natural resources, the capability of governments to manage them effectively over the long term becomes of paramount importance.

Developing countries are becoming more aware of the ways in which present and future economic development must build upon a sound and sustainable natural resources base. Some are looking at our long tradition in environmental protection and are receptive to US assistance which recognizes the uniqueness of the social and ecological systems in these tropical countries. Developing countries recognize the need to improve their capability to analyze issues and their own natural resource management. In February 1981, for example AID funded a national Academy of Sciences panel to advise Nepal on their severe natural resource degradation problems. Some countries such as Senegal, India, Indonesia and Thailand, are now including conservation concerns in their economic development planning process.

Because so many governments of developing nations have recognized the importance of these issues, the need today is not merely one of raising additional consciousness, but for carefully designed and sharply focused activities aimed at management regimes that are essential to the achievement of sustained development.

How much environmental pollution has taken place in the developing and the developed world?

- A. There has been a marginal pollution of environment in the developed world and extensive damage in the developing world
 B. There has been a considerable pollution of environment all over the globe
 C. There has been an extensive environmental degradation both in the developed and the developing world
 D. The environmental pollution that has taken place all over the globe continues to be a matter of speculation and enquiry

11

12

You must bear ____ his rudeness.

- A. to
 B. with
 C. out
 D. of

13

Barren

- A. Fertile
 B. Rejecting
 C. Crater
 D. Lacking freedom

Yellowstone National Park is the U.S. States of Wyoming, Idaho and Montana. It became the first National Park in 1872. There are geysers and hot springs at Yellowstone. There are also many animals at Yellowstone. There are elk, bison, sheep, grizzly, black bears, moose, coyotes, and more.

More than 3 million people visit Yellowstone National Park year. During the winter, visitors can ski or go snowmobiling there. There are also snow coaches that give tours. Visitors can see **steam** (vapor water) come from the geysers. During other seasons, visitors can go boating or fishing. People can ride horses there. There are nature trails and tours. Most visitors want to see Old Faithful, a very **predictable** geyser at Yellowstone Visitors can check a schedule to see the exact time that Old Faithful is going to erupt. There are many other geysers and boiling springs in the area. Great Fountain Geyser erupts every 11 hours. Excelsior Geyser produces

4,000 gallons of **boiling** water each minute! Boiling water is 100 degrees Celsius, or 212 degrees Fahrenheit – that's very hot! People also like to see the Grand Prismatic Spring. It is the largest hot spring in the park. It has many beautiful colors. The beautiful colors are caused by **bacteria** in the water. These are forms of life that have only one cell. Different bacteria live in different water **temperatures**. Visiting Yellowstone National Park can be a week – long vacation or more. It is beautiful and there are activities for everyone.

What causes colors in the springs?

- A. Sunlight
 B. Bacteria
 C. Eruptions
 D. Temperatures

15

Choose the correctly spelt word.

- A. PROFESSER
 B. PROFFESSOR
 C. PROFESOR
 D. PROFESSOR

When we are young, we learn that tigers and sharks are dangerous animals. We might be scared of them because they are big and powerful. As we get older, however, we learn that sometimes the most dangerous animals are also the smallest animals. In fact, the animal that kills the most people every year is one that you have probably killed yourself many times: the mosquito.

While it may seem that all mosquitoes are biters, this is not actually the case. Male mosquitoes eat plant nectar. One the other hand, female mosquitoes feed on animal blood. They need this blood to live and produce eggs. When a female mosquito bites a human being, it transmits a small amount of saliva into the blood. The saliva may or may not contain a deadly disease. The result of the bite can be as minor as an itchy bump or as serious as death.

Because a mosquito can bite many people in the course of its life, it can carry diseases from one person to another very easily. Two of the most deadly diseases carried by mosquitoes are malaria and yellow fever. More than 700 million people become sick from these diseases every year. At least 2 million of these people will die from these diseases.

16

Many scientists are working on safer and better ways to kill mosquitoes, but so far, there is no sure way to protect everyone in the world from their deadly bites. Mosquito nests can be placed over beds to protect people against being bitten. These nets help people stay safe at night, but they do not kill any mosquitoes. Mosquitoes have many natural enemies like bats, birds, dragonflies, and certain kinds of fish. Bringing more of these animals into places where mosquitoes live might help to cut down the amount of mosquitoes in that area. This is a natural solution, but is does not always work very well. Mosquitoes can also be killed with poisons or sprays. Even though these sprays kill mosquitoes, they may also harm other plants or animals.

Although mosquitoes may not seem as scary as larger, more powerful animals, they are far more dangerous to human beings. But things are changing. It is highly likely that one day scientists will find a way to keep everyone safe from mosquitoes and the diseases they carry.

In paragraph 2 the author writes, "This saliva may or may not contain a deadly disease." The purpose of this statement is to

- A. Oppose a previous argument
- B. Question an upcoming conclusion
- C. Confirm a hypothesis
- D. Support a later statement

17

Brackish

- A. Backward
- B. Having of foul smell
- C. Salty
- D. Woody

18

Accrue

- A. come about by addition
- B. reach summit
- C. create a crisis
- D. process

19

One who compiles dictionary

- A. Editor
- B. Compiler
- C. Calligrapher
- D. Lexicographer

20

Choose Relative Pair Of Word
Botany: Plants

- A. Land: sherbs
- B. Astronomy: Stars
- C. Anthropology: Thorn
- D. Philosophy: encyclopedia