

## English ECAT Pre Engineering Online Test

Sr	Questions	Answers Choice
1	<p>What do you do with your orange peels and corn cobs after you are done eating? Most people throw them in the trash can. But food leftovers do not have to go into the trash. They are biodegradable, which means that they can be broken down by bacteria into natural materials. People who like to garden often put their fruit and vegetable scraps in a special place known as a compost pile. A compost pile is a spot outdoors where food waste can break down into compost, which gardeners use. This process takes several months. Once the compost is created, people spread this mixture in their gardens to add nutrients to the soil. The compost in the soil helps new plants grow in the garden. How do you take care of a compost pile? It needs air, water, and heat. Bacteria and other microorganisms break down the food waste into more basic elements like water and carbon dioxide. This process requires oxygen, so people use a shovel to turn compost regularly and help air reach all parts of the pile. The pile cannot dry out, so it could be covered to keep moisture in. Finally, heat speeds up the process. This means a compost pile should be in the sun for at least part of the day. Food leftovers are not the only things that turn into compost. You can also add yard waste like grass clippings, dried leaves, and straw. In fact, you should add these things to create a healthy balance in your compost. But do not add any weeds to your compost pile unless you want to grow weeds in your garden. Sometimes seeds are left behind in the compost. This can be a welcome surprise if you find a tomato plant sprouting where you had not planted one. The tomato seed was hiding in the compost, waiting to begin a new life in the garden.</p> <p>Question: People should start a compost pile if they</p>	<p>A. need compost right away B. do not like to garden C. want to put their food waste to good use D. eat oranges and corn</p>
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Question:

Gardeners use compost to

- A. reduce the amount of trash on the planet
- B. break down food waste
- C. add nutrients to the soil
- D. take care of bacteria and other microorganisms

4

Nepal, a small, mountainous country tucked between India and China, may seem completely foreign to many Americans. Cows milk down busy streets unharmed, 24 different languages are spoken, and people eat two meals of rice and lentils every day. Nepali holidays, many of which are related to the Hindu religion, can seem especially bizarre to Americans unfamiliar with the culture. However, if we look beyond how others celebrate to consider the things they are celebrating, we find surprising similarities to our own culture. The biggest holiday in Nepal is Dashain, a ten-day festival for the Hindu goddess Durga that takes place in September or October. According to Hindu beliefs, Durga defeated the evil demons of the world. To thank the goddess, people visit temples in her honor and sacrifice goats or sheep as offerings. Throughout the year, most Nepalis do not eat much meat because it is expensive, but Dashain is a time to enjoy meat every day. Children fly colorful, homemade kites during Dashain. People also construct enormous bamboo swings on street corners and in parks. Every evening people gather at these swings and take turns swinging. Nepalis is a time for people to eat good food, relax and enjoy themselves. Aside from eating and enjoying themselves, during Dashain people also receive blessings from their elders. Schools and offices shut down so people can travel to be with their families. Reuniting with family reminds people of the importance of kindness, respect, and forgiveness. People also clean and decorate their homes for Dashain. And, like many holidays in the United States, it is a time for shopping. Children and adults alike get new clothes for the occasion. People express appreciation for all that they have, while looking forward to good fortune and peace in the year to come. During American holidays, people may not sacrifice goats or soar on bamboo swings, but we do often travel to be with family members and take time off work or school to relax. No matter how we celebrate, many people around the world spend their holidays honoring family, reflecting on their blessings, and hoping for good fortune in the future.

Question:

The author suggests that although people in different cultures celebrate holidays differently, one similarity is that many people

- A. ask for blessings from their elders during holidays
- B. agree that holidays reveal a lot about a culture
- C. believe that holidays must be celebrated
- D. think of holidays as a time to spend with their families

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Question:

The colorful kites and bamboo swings are both used as examples of

- A. ways people relax and enjoy themselves during Dashain
- B. things people honor and reflect on during Dashain
- C. Offerings to the goddess Durga
- D. Ways people reunite with family during Dashain

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Question:

Bizarre most nearly means

- A. unbelievable
- B. unknown
- C. awkward
- D. strange

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Question:

Which of the following sentences from the passage best indicates why the author thinks Nepal would seem very foreign to many Americans?

- A. "Cows walk busy streets unharmed, 24 different languages are spoken, and people eat two meals of rice and lentils every day."
- B. "Every evening people gather at these swings and take turns swinging."
- C. "People also clean and decorate their homes for Dashain."
- D. "During American holidays, people may not sacrifice goats or soar on bamboo swings, but we do often travel to be with family members and take time off work or school to relax."

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Question:

According to the passage, Hindus believe that the goddess Durga

- A. sacrifices goats and sheep
- B. defeated the evil demons of the world
- C. visits temples
- D. enjoys meat every day

A. >I only</span>  
B. >I and</span>  
>I only</span>  
C. >I only</span>  
D. >I only</span>

9

- I. The lower the karat rating, the less pure the gold
- II. The higher the karat rating, the more expensive the gold
- III. The higher the karat rating, the more valuable the gold

A. >I only</span>

B. >I and</span><span style="color: rgb(34, 34, 34); font-family: "Times New Roman"; font-size: 18px; background-color: rgb(255, 255, 248);">>II only</span>

C. >II and</span><span style="color: rgb(34, 34, 34); font-family: "Times New Roman"; font-size: 18px; background-color: rgb(255, 255, 248);">>II</span><span style="color: rgb(34, 34, 34); font-family: "Times New Roman"; font-size: 18px; background-color: rgb(255, 255, 248);">>II</span><span style="color: rgb(34, 34, 34); font-family: "Times New Roman"; font-size: 18px; background-color: rgb(255, 255, 248);">>I only</span>

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10

I. can be used to make the gold different color  
II. makes jewelry more expensive  
III. makes gold more flexible

background-color: rgb(255, 255, 248);">I,I</span><span style="color: rgb(34, 34, 34); font-family: &quot;Times New Roman&quot;; font-size: 18px; background-color: rgb(255, 255, 248);">I, and I</span><span style="color: rgb(34, 34, 34); font-family: &quot;Times New Roman&quot;; font-size: 18px; background-color: rgb(255, 255, 248);">II</span>