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Exam : GED Science

Title : GED Science Exam

Version : DEMO

1.The widespread use of antibiotics has created a frightening threat to our safety. While antibiotics have offered life-saving treatment for countless diseases, their misuse and overuse have contributed to the evolution of deadly bacteria that are resistant to treatment. Although there is a reluctance to give up the demand for antibiotics, most people accept scientists' warnings of impending catastrophe.

Which choice best explains why doctors now prescribe antibiotics less often than in the past?

- A. The newer antibiotics are too expensive for the average consumer.
- B. Insurance does not cover many antibiotic prescriptions.
- C. Antibiotic use causes frequent digestive upsets.
- D. Time constraints prevent doctors from writing as many prescriptions.
- E. Bacteria become resistant to treatment by certain antibiotics.

Answer: E

2.Review the material, then click Next to see the questions related to this material.

You will be able to use an Information button to view the material on each question screen.

The pH scale is a measure of the acidity of a substance. The numerical range of the scale is from 0.0 to 14.0. A midpoint pH of 7.0 designates a neutral substance (neither acid nor base). A pH lower than 7.0 denotes an acid substance, whereas a pH higher than 7.0 denotes a basic substance.

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pH Scale

0	1	2	3	4	5	6	7	8	9	10	11	12	13	14
strong acid			weak acid		neutral			weak base		strong base				

Which of the following substances is the MOST acidic?

- A. lemon juice(pH = 2.3)
- B. vinegar(pH = 2.8)
- C. orange juice(pH = 3.5)
- D. milk(pH = 6.5)
- E. seawater(pH = 8.4)

Answer: A

3.As pressure in a closed container is increased, the volume, or amount of space that a gas takes up, decreases. Divers who work underwater use tanks containing oxygen in order to breathe. The amount of oxygen in the tanks allows the divers to stay underwater for some time, yet the tanks are not huge.

Which statement best explains this occurrence?

- A. Oxygen has to be in small metal tanks so that divers don't sink.
- B. Oxygen takes up only a small amount of the air that we breathe.
- C. If the tanks are small, the fish will not be frightened by the divers.

- D. Since the oxygen is under pressure, a large amount of oxygen can be placed in these small tanks.
- E. Most divers don't stay underwater for a very long time because they get very cold quickly.

Answer: D

4.The microorganisms that cause food to spoil grow best at room temperature and in the presence of water.

Which of the following actions BEST helps prevent food spoilage?

- A. exposing the food to air
- B. keeping the food at room temperature
- C. adding water to the food
- D. freezing the food
- E. covering the food while warm

Answer: D

5.All kerosene stoves produce carbon monoxide and carbon dioxide gases as by-products of combustion. Both gases are dangerous to human beings.

When using a kerosene stove, which action provides the best protection against these harmful gases?

- A. keeping a fire extinguisher near the stove
- B. locating the stove far from walls and furniture
- C. using only the correct grade of kerosene
- D. circulating air around the room with a fan
- E. keeping the room well ventilated

Answer: E