

MARQUE A ÚNICA OPÇÃO CORRETA PARA CADA ITEM

INGLÊS

READ TEXT NO.1 AND CHOOSE THE CORRECT OPTION.

QUESTIONS 46 THROUGH 51.

TEXT NO.1

THAW DETECTOR

WHEN YOU BUY frozen food at the supermarket, how can you tell if the food has been thawed and refrozen, giving bacteria an opportunity to breed? You can't. But that could soon change, with the introduction of a patented detector that makes shoppers see red when food goes bad.

The detector relies on thin wire, made from nickel and titanium, that changes shape when warmed. At temperatures above freezing, the wire contracts with enough force to rip a small sheet of green paper, exposing a red label beneath it. When the wire cools, it returns to its original shape, but the red warning remains visible.

Smaller than a thumbnail, the detector contains only a few cents worth of raw materials and requires no power source. A larger, resettable version can monitor a home refrigerator.

Sandia National Laboratories manager David Martinez and University of New Mexico engineering professor Mo Shahinpoor developed the detector in 1994 but received the patent only this April. They envision the device being used not only to detect defrosted food, but also to warn if sensitive pharmaceuticals, such as insulin, have been exposed to heat. – Edward D. Flinn.

Popular Science, September 1998.

46) The word “thaw” in the title of the passage means

- (A) reduction in tension and hostility.
- (B) freedom from the physical effect of frost.
- (C) change of a state by gradual warming.
- (D) period during which ice and snow melt.
- (E) less reserved state.

47) The word “breed” (line 2) has the meaning of

- (A) reproduce.
- (B) raise.
- (C) decrease.
- (D) discard.
- (E) maintain.

48) The main idea of the passage is

- (A) the importance of thawing foods.
- (B) the effect of freezing foods.
- (C) a description of a food detector mechanism.
- (D) the introduction of an anti-bacteria food device.
- (E) the manufacturing of a thaw detector.

49) The word “but” (line 2) denotes

- (A) addition.
- (B) contrast.
- (C) sequence.
- (D) purpose.
- (E) reason.

50) The word “pharmaceuticals”(line 13) refers to

- (A) device.
- (B) food.
- (C) patent.
- (D) heat.
- (E) insulin.

51) The consumer will “see red” if the food is

- (A) frozen.
- (B) thawed.
- (C) spoiled.
- (D) refrozen.
- (E) defrosted.

READ TEXT NO.2 AND CHOOSE THE CORRECT OPTION.

QUESTIONS 52 THROUGH 55.

TEXT NO.2

WWF

A space no bigger than this advertisement on the floor of the rainforest can harbour insect species, seeds, grasses and plants capable of vastly enriching man’s medical knowledge. But without your help they never will. Because they’re going to die.

The organisation that’s able to make your protests heard is the World Wide Fund For Nature.

For details, write to:
The Membership Officer
WWF International
CH 1196 Gland, Switzerland.

Time, September 30, 1996.

52) The purpose of this advertisement is

- (A) to open a bigger space on the floor of a rainforest.
- (B) to convince readers to donate money for the organization.
- (C) to accuse the Swiss government of neglect for the environment.
- (D) to ask readers to denounce any illegal action against the environment.
- (E) to harbour more species and plants in the soils of a rainforest.

53) The word “harbour” (line 1) means the same as

- (A) use.
- (B) bury.
- (C) contain.
- (D) change.
- (E) dig.

54) The expression “bigger than” (line 1) indicates

- (A) an analogy.
- (B) a contrast.
- (C) an explanation.
- (D) a conclusion.
- (E) a comparison.

55) The verb phrase “going to” (line 3) expresses

- (A) prediction.
- (B) intention.
- (C) probability.
- (D) necessity.
- (E) condition.

READ TEXT NO.3 AND CHOOSE THE CORRECT OPTION.

QUESTIONS 56 THROUGH 60.

TEXT NO.3

COAST GUARD ESSAY CONTEST

The U.S. Naval Institute will award cash prizes of \$1,000, \$750, and \$500 to the three winning essays in its annual Coast Guard Essay Contest. Essays must be postmarked on or before 1 June 1998.

Entry Rules

1. Essays must be original, not previously submitted or published elsewhere, and no longer than 3,000 words.
2. All entries should be directed to Editor-In-Chief, *Proceedings* (USCG Contest), U.S. Naval Institute, 118 Maryland, Annapolis, MD 21402-5035.
3. **ESSAYS ARE JUDGED ANONYMOUSLY:** Author’s name must not appear on the essay. In addition to a title, essays should be assigned a motto. In lieu of the author’s name, the title and motto should appear on the title page of the essay and on the accompanying sealed envelope. This envelope should contain a typed sheet giving name, rank, branch of service, biographical sketch, social security number, and office and home phone numbers.
4. All essays must be typewritten, double-spaced, on paper approximately 8-1/2” x 11”. Submit two complete copies. If typed on a computer, please also submit the entry on disk.
5. The Naval Institute will publish the winning essays in *Proceedings*. Some entries not awarded prizes may also be selected for publication at regular rates.

Proceedings, May 1998.

56) The preposition that means the same as “on or before June 1, 1998” (line 2) is

- (A) within.
- (B) over.
- (C) onto.
- (D) since.
- (E) by.

57) ANULADA

58) The agent in the sentence “all essays must be typewritten, double-spaced...” (line14) is the

- (A) coast guard.
- (B) reader.
- (C) essay writer.
- (D) editor-in-chief.
- (E) winner.

59) The title and the motto should be written on

- (A) the essay.
- (B) the envelope.
- (C) a separate piece of paper.
- (D) the essay and the envelope.
- (E) the answer sheet.

60) The modal “must” used throughout the text expresses

- (A) necessity.
- (B) conclusion.
- (C) probability.
- (D) possibility.
- (E) certainty.

INGLÊS

TEXT NO.1, QUESTIONS 1 THROUGH 3.

HOW DOES IT FEEL?

Imagine this.

You've lived all your life at peace. Home, family, friends, all normal. Then, without warning, your whole world changes.

Overnight, lifelong neighbours become lifelong enemies. Tanks prowl the streets and buses burn. Mortar shells shatter the mosques. Rockets silence the church bells.

Suddenly everything you've known and owned and loved is gone and, if you're lucky enough to survive, you find yourself alone and bewildered in a foreign land.

You are a refugee.

How does it feel?

The fact is, refugees are just like you and me, except that they have nothing. And that's exactly what they'll always have unless we help.

We're not asking for money (though every penny helps), but only this:

When you do meet a refugee, imagine for a moment what it must be like, and then show her your smile. Instead of your back.

It may not seem much. But to a refugee it can mean everything.

UNHCR is a strictly humanitarian organization funded only by voluntary contributions. Currently it is responsible for more than 19 million refugees around the world.

UNHCR – United Nations High Commissioner for Refugees

UNHCR Public Information
P.O. Box 2500
1211 Geneva 2, Switzerland

Newsweek, August 14, 1995

QUESTION NO.1 (15 pts)

Considering the information given in the text:

- Indicate the purpose of the article in one or two lines. (5 pts)
- Indicate the function of "do" in "when you do meet a refugee..."(line 13). (5 pts)
- Explain the purpose of UNHCR. (5 pts)

QUESTION NO.2 (10 pts)

The text presents some conditional clauses. Transcribe two of them in the lines below.

QUESTION NO.3 (15 pts)

Find in the text a word that can replace

- "move cautiously". (5 pts)
- "confused". (5 pts)
- "although". (5 pts)

TEXT NO.2, QUESTIONS 4 THROUGH 7.

FIGHTING MOSQUITOES WITH POND SCUM

MOSQUITOES ARE MORE than an annoyance. Worldwide, mosquitoes-borne illnesses infect about 700 million people a year and kill 3 million. But a Florida researcher has come up with a novel way to control the little buggers - put them on a diet.

Dov Borovsky, an insect biologist at the University of Florida at Vero Beach, says he has perfected a diet pill that alters mosquito digestion, making it impossible for them to feed and lay eggs. He synthesizes the hormone that switches the mosquito's digestive system on and off. In the lab, the hormone is absorbed by chlorella algae, a green scum found in ponds and swamps. The modified algae is reintroduced where mosquitoes breed, and the bugs larvae feast on the algae and starve to death within 72 hours.

Borovsky says the starvation approach, unlike pesticides, does not alter the environment, and mosquitoes don't become resistant to the hormone because the chlorella stops producing it within three weeks. He expects to have his "diet pill" on the market within a year.

BusinessWeek, December 22, 1997.

QUESTION NO.4 (10 pts)

Take from the text a word/words that can replace

- a) "buggers". (5 pts)
- b) "chlorella algae". (5 pts)

QUESTION NO.5 (10 pts)

Explain the purpose of the "diet pill" in one line.

QUESTION NO.6 (15 pts)

Take from the text one example of

- a) a defining relative clause. (5 pts)
- b) an adverb clause of reason. (5 pts)
- c) a sentence in the passive voice. (5 pts)

QUESTION NO.7 (5 pts)

Rewrite the sentence "he expects to have his 'diet pill' on the market within a year," by using a modal auxiliary.

TEXT NO.3, QUESTIONS 8 THROUGH 11.

A CHANGING TIDE

The River Ganges has always been regarded as a sacred river. The Hindu belief is that the river's waters will purify your soul and wash away your sins. Unfortunately, however, India's sacred river, like waterways and seas all over the world, has become the victim of pollution. The river flows on a 15,000 – mile course from the Himalayan glaciers. On its way, it passes more than 2,500 industrial plants that, for years, have been discharging their effluent into its waters. By 1985, one man thought it had gone on long enough. M. C. Mehta, a lawyer, filed a petition. It took eight years for this petition to make its way through the Indian legal system, but now, at last, it is beginning to take effect. Already 190 of the worst offenders – mostly tanneries and distilleries – have been forced to close. The same fate awaits many others if they fail to clean up their acts.

Speak Up, May 1994.

QUESTION NO.8 (5 pts)

How important is the River Ganges for the Hindu?

QUESTION NO.9 (5 pts)

What is the biggest problem the River Ganges has faced?

QUESTION NO.10 (5 pts)

How beneficial has the petition in favor of the River Ganges been?

QUESTION NO.11 (5 pts)

Take from the text a sentence which uses a modal auxiliary to express "prediction."