

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 3) 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 3) 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 2) 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 5) 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,

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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 4) 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..." (item 4) 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



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Para contribuir com Gabarito ou Resolução basta enviar um email para juliosousajr@gmail.com