

ITA - 2004

2º DIA

INGLÊS

Inglês – Questão 01

As questões 1 e 2 referem-se ao texto abaixo:

Job Interview

Reaching the end of a job interview, the Human Resources Person asked the young Engineer fresh out of MIT, "And what starting salary were you looking for?"

The Engineer said, "In the neighborhood of \$75,000 a year, depending on the benefits package."

The HR Person said, "Well, what would you say to a package of 5-weeks vacation, 14 paid holidays, full medical and dental, company matching retirement fund to 50% of salary, and a company car leased every 2 years – say, a red Corvette?"

The Engineer sat up straight and said, "Wow!!! Are you kidding?"

And the HR Person said, "Of course, ... but you started it."

(Texto extraído de uma mensagem recebida por e-mail)

Qual dos adjetivos abaixo melhor descreve a atitude inicial do engenheiro recém-formado?

- A) Bem-humorada.
- B) Corajosa.
- C) Pretenciosa.
- D) Humilde.
- E) Maliciosa.

RESOLUÇÃO:

O engenheiro se mostra pretencioso ao pedir 75,000 por ano.

GABARITO: Alternativa **C**

Inglês – Questão 02

As questões 1 e 2 referem-se ao texto a seguir:

Job Interview

Reaching the end of a job interview, the Human Resources Person asked the young Engineer fresh out of MIT, "And what starting salary were you looking for?"

The Engineer said, "In the neighborhood of \$75,000 a year, depending on the benefits package."

The HR Person said, "Well, what would you say to a package of 5-weeks vacation, 14 paid holidays, full medical and dental, company matching retirement fund to 50% of salary, and a company car leased every 2 years – say, a red Corvette?"

The Engineer sat up straight and said, "Wow!!! Are you kidding?"

And the HR Person said, "Of course, ... but you started it."

(Texto extraído de uma mensagem recebida por e-mail)

Considere as seguintes interpretações em relação à entrevista:

- I. Dentre os benefícios oferecidos pela empresa para a vaga, estão: 5 semanas de férias anuais e um carro novo a cada 2 anos.
- II. O engenheiro recém-formado será contratado pela empresa por um salário que supera suas expectativas.
- III. A pretensão salarial do candidato está aquém do que a empresa oferece.

Das afirmações acima, está(ão)s condizente(s) com o texto,

- A) apenas a I.
- B) apenas a III.
- C) apenas I e II.
- D) apenas I e III.
- E) nenhuma.

RESOLUÇÃO:

Todas as afirmações estão falsas pois o entrevistador estava sendo irônico com o engenheiro.

GABARITO: Alternativa **E**

Inglês – Questão 03

As questões de 3 a 5 referem-se ao texto abaixo:

First, let me tell you where I'm coming from. Before I saw "The Lord of the Rings: The Fellowship of the Ring", I didn't know the difference between an orc and an elf, or what Middle-earth was in the middle of. This review is coming to you from a Tolkien-freezone. I went in to Peter Jackson's movie - the first of a trilogy - with no preconceptions. I came out, three hours later, sorry I'd have to wait a year to see what happens next in Frodo Baggins's battle against the Dark Lord, Sauron, and thinking a trip to the bookstore to pick "The Two Towers" might be in order. (...)

This is a violent movie - too violent for little ones - and there are moments more "Matrix" than medieval. Yet it transcends cheap thrills; we root for the survival of our heroes with a depth of feeling that may come as a surprise. The movie keeps drawing you in deeper. Unlike so many overcooked action movies these days, "Fellowship" doesn't entertain you into a stupor. It leaves you with your wits intact, hungry for more.

(fonte omitida para evitar indução na resposta)

O texto acima foi redigido originalmente como

- A) uma sinopse do filme "The Lord of the Rings: The Fellowship of the Ring", dirigido por Peter Jackson.
- B) uma crítica ao filme "The Lord of the Rings: The Fellowship of the Ring".
- C) um informativo sobre o lançamento do filme "The Lord of the Rings: The Fellowship of the Ring", dirigido por Tolkien.
- D) uma palestra sobre a obra literária de Tolkien e os filmes de Peter Jackson.
- E) uma mensagem enviada por e-mail ao fã-club de Tolkien.

RESOLUÇÃO:

A crítica é revelada quando o filme é retratado como violento para os pequenos.

GABARITO: Alternativa **B**

Inglês – Questão 04

As questões de 3 a 5 referem-se ao texto abaixo:

First, let me tell you where I'm coming from. Before I saw "The Lord of the Rings: The Fellowship of the Ring", I didn't know the difference between an orc and an elf, or what Middle-earth was in the middle of. This review is coming to you from a Tolkien-freezone. I went in to Peter Jackson's movie - the first of a trilogy - with no preconceptions. I came out, three hours later, sorry I'd have to wait a year to see what happens next in Frodo Baggins's battle against the Dark Lord, Sauron, and thinking a trip to the bookstore to pick "The Two Towers" might be in order. (...)

This is a violent movie - too violent for little ones - and there are moments more "Matrix" than medieval. Yet it transcends cheap thrills; we root for the survival of our heroes with a depth of feeling that may come as a surprise. The movie keeps drawing you in deeper. Unlike so many overcooked action movies these days, "Fellowship" doesn't entertain you into a stupor. It leaves you with your wits intact, hungry for more.

(fonte omitida para evitar indução na resposta)

Assinale a opção **correta**.

- A) O autor do texto é leitor assíduo da obra de Tolkien.
- B) O autor do texto tinha grandes expectativas com relação ao filme antes de assisti-lo.
- C) O filme fez com que o autor se sentisse tentado a adquirir um livro de Tolkien.
- D) O autor recomenda o filme para adultos e crianças.
- E) O filme dirigido por Peter Jackson assemelha-se a Matrix.

RESOLUÇÃO:

O autor revela que o filme o atraiu profundamente deixando-o faminto por mais.

GABARITO: Alternativa **C**

Inglês – Questão 05

As questões de 3 a 5 referem-se ao texto a seguir:

First, let me tell you where I'm coming from. Before I saw "The Lord of the Rings: The Fellowship of the Ring", I didn't know the difference between an orc and an elf, or what Middle-earth was in the middle of. This review is coming to you from a Tolkien-freezone. I went in to Peter Jackson's movie - the first of a trilogy - with no preconceptions. I came out, three hours later, sorry I'd have to wait a year to see what happens next in Frodo Baggins's battle against the Dark Lord, Sauron, and thinking a trip to the bookstore to pick "The Two Towers" might be in order. (...)

This is a violent movie - too violent for little ones - and there are moments more "Matrix" than medieval. Yet it transcends cheap thrills; we root for the survival of our heroes with a depth of feeling that may come as a surprise. The movie keeps drawing you in deeper. Unlike so many overcooked action movies these days, "Fellowship" doesn't entertain you into a stupor. It leaves you with your wits intact, hungry for more.

(fonte omitida para evitar indução na resposta)

Os termos *Yet* e *Unlike*, no segundo parágrafo, significam, respectivamente,

- A) entretanto – diferentemente.
- B) portanto – conforme.
- C) assim – diferentemente.
- D) entretanto – conforme.
- E) assim - no entanto.

RESOLUÇÃO:

Yet esta sendo utilizado como conjunção de contraste e unlike é usado como advérbio.

GABARITO: Alternativa **A**

Inglês – Questão 06

As questões de 6 a 10 referem-se ao texto a seguir:

And Now, the Birdcast

Passing almost unnoticed in the night, billions of birds will fly over the mid-Atlantic states this spring on their annual migration northward. A new Web site will help ornithologists pinpoint critical habitat for the feathered travelers by combining weather radar data with old-fashioned fieldwork.

Radar has been used to track bird migrations since around 1940, says Steve Kelling, who heads BirdSource, a bird database at Cornell University. But the potential payoff grew about 5 years ago when the government began installing Doppler radar Stations, which yield high-resolution three-dimensional data. Ornithologists are eager to use Doppler to track bird movement, but first, they need to calibrate it with data from the ground.

So Cornell, Clemson University, and other groups have launched BirdCast. Every few hours from 1 April to 31 May, radar images of the Philadelphia to Washington, D. C., area – some filtered to remove weather and reveal birds – will be posted on the project's Web site (www.birdcast.org). The site will also collect observations from several hundred citizen-scientists (birdwatchers, that is), which will be combined with other data, such as chirps picked up by acoustic monitors. Kelling says the results should reveal the bird's favorite rest stops, highlighting priority areas for protection. Eventually, BirdCast hopes to go nationwide.

SCIENCE Vol. 288 7 April 2000

A ideia principal abordada pela notícia é

- A) o lançamento do *BirdCast*, um radar desenvolvido pela Universidade de Cornell, que capta imagens dos movimentos migratórios de pássaros na primavera.
- B) o lançamento de um novo *site* na internet que tem por objetivo auxiliar ornitólogos no estudo dos movimentos migratórios de pássaros na primavera.
- C) a facilidade de acesso de ornitólogos e de "cidadãos-cientistas" a um banco de dados desenvolvido pela Universidade de Cornell.
- D) a participação de "cidadãos-cientistas" no estudo desenvolvido pela Universidade de Cornell sobre o movimento migratório de pássaros na primavera.
- E) a descoberta de áreas que necessitam de proteção ambiental para preservar espécies raras de pássaros.

RESOLUÇÃO:

O primeiro parágrafo do texto refere a ideia principal do texto " a new web site"

GABARITO: Alternativa **B**

Inglês – Questão 07

As questões de 6 a 10 referem-se ao texto a seguir:

And Now, the Birdcast

Passing almost unnoticed in the night, billions of birds will fly over the mid-Atlantic states this spring on their annual migration northward. A new Web site will help ornithologists pinpoint critical habitat for the feathered travelers by combining weather radar data with old-fashioned fieldwork.

Radar has been used to track bird migrations since around 1940, says Steve Kelling, who heads BirdSource, a bird database at Cornell University. But the potential payoff grew about 5 years ago when the government began installing Doppler radar Stations, which yield high-resolution three-dimensional data. Ornithologists are eager to use Doppler to track bird movement, but first, they need to calibrate it with data from the ground.

So Cornell, Clemson University, and other groups have launched BirdCast. Every few hours from 1 April to 31 May, radar images of the Philadelphia to Washington, D. C., area – some filtered to remove weather and reveal birds – will be posted on the project's Web site (www.birdcast.org). The site will also collect observations from several hundred citizen-scientists (birdwatchers, that is) which will be combined with other data, such as chirps picked up by acoustic monitors. Kelling says the results should reveal the bird's favorite rest stops, highlighting priority areas for protection. Eventually, BirdCast hopes to go nationwide.

SCIENCE Vol. 288 7 April 2000

Considere as seguintes asserções:

- I. A intenção dos idealizadores do *BirdCast* é que ele se torne um projeto de abrangência nacional.
- II. Radares são utilizados em estudos de movimentos migratórios dos pássaros há mais de 60 anos.
- III. A implantação de estações de radar Doppler permite a coleta de dados de alta resolução em três dimensões.

Então, das afirmações acima, está(ão) correta(s)

- A) apenas a I.
- B) apenas a II.
- C) apenas a III.
- D) apenas I e III.
- E) todas.

RESOLUÇÃO:

Todas as afirmações estão de acordo com a verdade textual.

GABARITO: Alternativa **E**

Inglês – Questão 08

As questões de 6 a 10 referem-se ao texto a seguir:

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Radar has been used to track bird migrations since around 1940, says Steve Kelling, who heads BirdSource, a bird database at Cornell University. But the potential payoff grew about 5 years ago when the government began installing Doppler radar Stations, which yield high-resolution three-dimensional data. Ornithologists are eager to use Doppler to track bird movement, but first, they need to calibrate it with data from the ground.

So Cornell, Clemson University, and other groups have launched BirdCast. Every few hours from 1 April to 31 May, radar images of the Philadelphia to Washington, D. C., area – some filtered to remove weather and reveal birds – will be posted on the project's Web site (www.birdcast.org). The site will also collect observations from several hundred citizen-scientists (birdwatchers, that is) which will be combined with other data, such as chirps picked up by acoustic monitors. Kelling says the results should reveal the bird's favorite rest stops, highlighting priority areas for protection. Eventually, BirdCast hopes to go nationwide.

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Os termos *feathered travelers*(linha 3), *it*(linha 7) e *which*(linha 12) referem-se, respectivamente, a

- A) ornithologists, bird movement e citizen-scientists.
- B) birds, Doppler e observations.
- C) birds, Doppler e citizen-scientists.
- D) ornithologists, Doppler e observations.
- E) birds, bird movement e observations.

RESOLUÇÃO:

- Viajante de penas refere-se aos pássaros;
– It refere-se as estações de radar Doppler.
– Which refere-se a observações.

GABARITO: Alternativa **B**

Inglês – Questão 09

As questões de 6 a 10 referem-se ao texto a seguir:

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Passing almost unnoticed in the night, billions of birds will fly over the mid-Atlantic states this spring on their annual migration northward. A new Web site will help ornithologists pinpoint critical habitat for the feathered travelers by combining weather radar data with old-fashioned fieldwork.

Radar has been used to track bird migrations since around 1940, says Steve Kelling, who heads BirdSource, a bird database at Cornell University. But the potential payoff grew about 5 years ago when the government began installing Doppler radar Stations, which yield high-resolution three-dimensional data. Ornithologists are eager to use Doppler to track bird movement, but first, they need to calibrate it with data from the ground.

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Os termos "weather", em "weather radar data" (linha 3); "heads", em "who heads BirdSource" (linhas 4 e 5); e "rest", em "bird's" favorite rest stops" (linha 14) têm, respectivamente, as funções gramaticais de

- A) substantivo, substantivo e verbo.
- B) adjetivo, substantivo e adjetivo.
- C) adjetivo, verbo e adjetivo.
- D) adjetivo, verbo e verbo.
- E) substantivo, verbo e adjetivo.

RESOLUÇÃO:

Weather representa o modificados dos dados (do clima)

- heads é o verbo encabeçar, liderar;
- Rest refere-se a parada de descanso.

GABARITO: Alternativa **C**

Inglês – Questão 10

As questões de 6 a 10 referem-se ao texto a seguir:

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Cada uma das opções seguintes se refere a um termo extraído da notícia. Assinale a opção em que o termo **não** corresponde, respectivamente, ao significado e/ou à função gramatical explicitados.

- A) *northward* (linha 2): rumo ao norte, advérbio.
- B) *pinpoint* (linha 2): detectar, verbo.
- C) *data* (linha 3): dados, substantivo.
- D) *yield* (linha 6): fornecer, verbo.
- E) *eventually* (linha 14): casualmente, advérbio.

RESOLUÇÃO:

Eventually – significa “por fim”.

GABARITO: Alternativa **E**

Inglês – Questão 11

As questões de 11 a 14 referem-se ao texto a seguir:

Commentary

Human Development 1997;40:96-101

A New Generation: New Intellectual Opportunities

James Youniss

The Catholic University of America, Washington, D.C., USA

These comments on the publication of the new handbook are written from the perspective of a member of the *in-between* generation. In-betweeners were born about the time Murchison edited the first and second handbooks in the 1930s. They spent childhood watching newreels of World War II at movie houses featuring 'cowboy' serials on Saturday afternoons. Their professional education straddled two psychological eras. It began just as the 'experimental psychology' paradigm was ending its domination and it was completed as new alternatives were coming into view. (...)

Had they been born just a few years earlier, they would have been part of that powerful and longlasting generation that entered the military during World War II and filled the universities immediately after the war. This unusual cohort held leadership in the discipline of psychology in general and developmental psychology, in particular, for several decades. (...)

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Assinale a opção que **não** expressa uma ideia contida no texto.

- A) O autor dos comentários sobre o novo manual escreve da perspectiva de um membro da geração de psicólogos que se autodenominam "intermediários".
- B) Os "intermediários" passaram a infância assistindo a noticiários sobre a 2ª Guerra Mundial.
- C) Os "intermediários" nasceram no período entre a edição do 1º e do 2º Manuais editados por Murchison, nos anos 30.
- D) A formação profissional dos "intermediários" deu-se entre dois períodos da Psicologia.
- E) Na época da 2ª Guerra, os cinemas exibiam filmes de cowboy para as crianças nas tardes de sábado.

RESOLUÇÃO:

Os intermediários nasceram no tempo em que Murchison editou o 1º e o 2º manual nos anos 30.

GABARITO: Alternativa **C**

Inglês – Questão 12

As questões de 11 a 14 referem-se ao texto a seguir:

Commentary

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James Youniss

The Catholic University of America, Washington, D.C., USA

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Had they been born just a few years earlier, they would have been part of that powerful and longlasting generation that entered the military during World War II and filled the universities immediately after the war. This unusual cohort held leadership in the discipline of psychology in general and developmental psychology, in particular, for several decades. (...)

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Assinale a opção que contém uma expressão equivalente a: "Had they been born", em "Had they been born just a few years earlier..." (linha 7) e que, portanto, poderia vir a substituí-la no texto.

- A) They had been born...
- B) When they had been born...
- C) As they had been born...
- D) Whether they had been born...
- E) If they had been born...

RESOLUÇÃO:

O "if clauses" na "past perfect" pode substituir o "Past Perfect".

GABARITO: Alternativa **E**

Inglês – Questão 13

As questões de 11 a 14 referem-se ao texto a seguir:

Commentary

Human Development 1997;40:96-101

A New Generation: New Intellectual Opportunities

James Youniss

The Catholic University of America, Washington, D.C., USA

These comments on the publication of the new handbook are written from the perspective of a member of the *in-between* generation. In-betweeners were born about the time Murchison edited the first and second handbooks in the 1930s. They spent childhood watching newreels of World War II at movie houses featuring 'cowboy' serials on Saturday afternoons. Their professional education straddled two psychological eras. It began just as the 'experimental psychology' paradigm was ending its domination and it was completed as new alternatives were coming into view. (...)

Had they been born just a few years earlier, they would have been part of that powerful and longlasting generation that entered the military during World War II and filled the universities immediately after the war. This unusual cohort held leadership in the discipline of psychology in general and developmental psychology, in particular, for several decades. (...)

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Assinale a opção que contém a melhor tradução de "that powerful and long-lasting generation" (linhas 7 e 8).

- A) Aquela geração poderosa e duradoura.
- B) Aquela geração forte e cheia de oportunidades.
- C) Aquela geração poderosa e eficiente.
- D) Aquela geração forte e aproveitadora.
- E) Aquela geração poderosa e eterna.

RESOLUÇÃO:

O pronome "that" refere-se a aquela geração poderosa e duradoura.

GABARITO: Alternativa **A**

Inglês – Questão 14

As questões de 11 a 14 referem-se ao texto a seguir:

Commentary

Human Development 1997;40:96-101

A New Generation: New Intellectual Opportunities

James Youniss

The Catholic University of America, Washington, D.C., USA

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Had they been born just a few years earlier, they would have been part of that powerful and longlasting generation that entered the military during World War II and filled the universities immediately after the war. This unusual cohort held leadership in the discipline of psychology in general and developmental psychology, in particular, for several decades. (...)

O termo *cohort* (linha 9) refere-se

- A) ao grupo autodenominado intermediário.
- B) à geração a que pertence o autor do texto.
- C) à geração que participou da 2ª Guerra Mundial.
- D) a estudantes universitários de Psicologia.
- E) a profissionais do campo da Psicologia Experimental.

RESOLUÇÃO:

Cohort refere-se ao grupo a que o autor do texto pertence, pois ele é membro da geração intermediária.

GABARITO: Alternativa **B**

Inglês – Questão 15

As questões 15 e 16 referem-se ao texto a seguir:

Men in cobalt-blue

In reality, a perfume is the liquid essence of herbs, fruit, flowers and certain woods. In dreams, it's not that way. In the ebb and flow of the imagination, a perfume always breathes. When creating his recent Polo Ralph Lauren Blue, stylist Ralph Lauren began with the freedom suggested by the color blue: seaside, cloudless sky and jeans. From this feeling arose the other elements of the new cologne. In the vocabulary of a perfumist, there are the warm tones of melon and tangerine, of basil and sage and the soft scents of amber and musk. The idea is to please an urban man who is taken by adventure, the sea and jeans. It follows the original Polo, that is now 25 years old.

ICARO August 2003 .14

Assinale a opção que **NÃO** está de acordo com o texto.

- A) Ao criar seu mais recente perfume, Ralph Lauren inspirou-se na liberdade sugerida pela cor azul.
- B) O novo perfume de Ralph Lauren foi criado após 25 anos de existência do Polo original.
- C) Um perfume é uma essência líquida de ervas, frutas, flores e certas madeiras.
- D) Para Ralph Lauren, o homem urbano, que gosta de aventuras, sempre vai usar um Polo original.
- E) O nome do novo perfume de Ralph Lauren é Polo Ralph Lauren Blue.

GABARITO: Alternativa **D**

Inglês – Questão 16

As questões 15 e 16 referem-se ao texto a seguir:

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In reality, a perfume is the liquid essence of herbs, fruit, flowers and certain woods. In dreams, it's not that way. In the ebb and flow of the imagination, a perfume always breathes. When creating his recent Polo Ralph Lauren Blue, stylist Ralph Lauren began with the freedom suggested by the color blue: seaside, cloudless sky and jeans. From this feeling arose the other elements of the new cologne. In the vocabulary of a perfumist, there are the warm tones of melon and tangerine, of basil and sage and the soft scents of amber and musk. The idea is to please an urban man who is taken by adventure, the sea and jeans. It follows the original Polo, that is now 25 years old.

ICARO August 2003 .14

Os adjetivos "warm" e "soft" em "warm tones" (linha 4) e "soft scents" (linha 5) significam, respectivamente,

- A) quentes e aconchegantes.
- B) cálidos e suaves.
- C) sutis e refrescantes.
- D) leves e macios.
- E) fortes e leves.

RESOLUÇÃO:

Warm está entre quente e frio. Soft refer-se a essência suave.

GABARITO: Alternativa **B**

Inglês – Questão 17



Swan, M. & Walter C. *How English Works*, O.U.P. 1998 p. 177

Qual das opções abaixo melhor preenche a lacuna no *cartoon*?

- A) you're replaced.
- B) you're being replaced.
- C) you were replaced.
- D) you replaced.
- E) you've replaced.

RESOLUÇÃO:

A voz passiva foi retratada nesta questão no "Present Continuous".

GABARITO: Alternativa **B**

Inglês – Questão 18

As questões de 18 a 20 referem-se ao texto a seguir:

IN THE PIPELINE

The sewer systems of Europe could soon provide a conduit for more than water and waste. A machine vision sewer inspection project has sparked interest in using the pipes to lay cables for telecommunications traffic. The project, named Inspecting Sewage Systems and Image Analysis by Computer, or Isaac, is part of a larger European Commission-backed initiative to promote use of vision technology.

Project coordinator Mark Sawyer explained that the inspection system employs a tractor-mounted CCD matrix camera and curved mirrors for imaging inside the pipes, and proprietary software to convert the data into a perspective that humans can interpret. It will enable rapid detection of defects in pipe walls and could be in operation within 18 months.

"The prospect of using the sewers for telecommunications is still evolving", he said. Commercial relationships between cable companies and sewer landlords must be negotiated, and the technology to install cables has yet to be developed. "However", he added, "an accurate survey of the sewer system brings it closer." It's a concept that could well "go down the tubes".

PHOTONICS SPECTRA March 2003 p.176

A ideia principal abordada pelo texto é

- A) a busca de formas alternativas para tratamento de água e esgoto na Europa.
- B) a implementação imediata de novas tecnologias no campo das telecomunicações.
- C) o uso de tecnologia avançada na detecção de defeitos em cabos utilizados para telecomunicações.
- D) a possibilidade de utilização dos encanamentos de água e esgoto também para instalação de cabos de telecomunicações.
- E) o aprimoramento das relações comerciais entre empresas dos setores de tratamento de água e de telecomunicações.

RESOLUÇÃO:

A idéia principal é refletida no 1º parágrafo.

GABARITO: Alternativa **D**

Inglês – Questão 19

As questões de 18 a 20 referem-se ao texto a seguir:

IN THE PIPELINE

The sewer systems of Europe could soon provide a conduit for more than water and waste. A machine vision sewer inspection project has sparked interest in using the pipes to lay cables for telecommunications traffic. The project, named Inspecting Sewage Systems and Image Analysis by Computer, or Isaac, is part of a larger European Commission-backed initiative to promote use of vision technology.

Project coordinator Mark Sawyer explained that the inspection system employs a tractor-mounted CCD matrix camera and curved mirrors for imaging inside the pipes, and proprietary software to convert the data into a perspective that humans can interpret. It will enable rapid detection of defects in pipe walls and could be in operation within 18 months.

"The prospect of using the sewers for telecommunications is still evolving", he said. Commercial relationships between cable companies and sewer landlords must be negotiated, and the technology to install cables has yet to be developed. "However", he added, "an accurate survey of the sewer system brings it closer." It's a concept that could well "go down the tubes".

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Considere as seguintes asserções:

- I. O projeto Isaac entrará em funcionamento dentro de um ano e meio.
- II. O *software* utilizado no projeto Isaac é um dos componentes essenciais para auxiliar na detecção de defeitos em encanamentos de água e esgoto.
- III. O projeto Isaac também é responsável por uma iniciativa mais ampla de uma Comissão Europeia responsável por pesquisas no campo tecnológico.

Então, das afirmações acima, está(ão) correta(s):

- A) apenas a I.
- B) apenas a II.
- C) apenas a III.
- D) apenas II e III.
- E) apenas I e II.

RESOLUÇÃO:

O projeto Isaac poderá entrar em funcionamento em um ano e meio. O projeto Isaac é parte de uma iniciativa mais ampla da Comissão Europeia.

GABARITO: Alternativa **B**

Inglês – Questão 20

As questões de 18 a 20 referem-se ao texto a seguir:

IN THE PIPELINE

The sewer systems of Europe could soon provide a conduit for more than water and waste. A machine vision sewer inspection project has sparked interest in using the pipes to lay cables for telecommunications traffic. The project, named Inspecting Sewage Systems and Image Analysis by Computer, or Isaac, is part of a larger European Commission-backed initiative to promote use of vision technology.

Project coordinator Mark Sawyer explained that the inspection system employs a tractor-mounted CCD matrix camera and curved mirrors for imaging inside the pipes, and proprietary software to convert the data into a perspective that humans can interpret. It will enable rapid detection of defects in pipe walls and could be in operation within 18 months.

"The prospect of using the sewers for telecommunications is still evolving", he said. Commercial relationships between cable companies and sewer landlords must be negotiated, and the technology to install cables has yet to be developed. "However", he added, "an accurate survey of the sewer system brings it closer." It's a concept that could well "go down the tubes".

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Assinale a opção que **não** condiz com o texto:

- A) 'sparked' (linha 2), em "has sparked interest", tem significado semelhante a 'stimulated'.
- B) 'lay' (linha 2), em "lay cables", é o mesmo que 'install'.
- C) 'enable' (linha 8), em "will enable rapid detection", significa o mesmo que 'allow'.
- D) 'evolving' (linha 10), em "is still evolving", é o mesmo que 'in progress'.
- E) 'go down the tubes' (linha 13) é usado com significado semelhante a 'fail'.

RESOLUÇÃO:

A expressão 'go down the tubes' significa descer pelo ralo.

GABARITO: Alternativa **E**