

**Instrucciones:** a) Duración: 1 h.30m. b) No se permite el uso de diccionario. c) La puntuación de las preguntas está indicada en las mismas. d) Los alumnos deberán realizar completa una de las dos opciones A o B, sin poder mezclar las respuestas.

**OPTION A**

**“Lie to me”**

- 1 Traditionally, lie detection has been done by using the polygraph, first developed in 1921. Now a team of British  
2 scientists from the universities of Bradford and Aberystwyth have developed a new computerized system for lie  
3 detection through a heat camera. This new device monitors small changes in facial expressions even in real time.  
4 This new approach is based on years of research into how we all unconsciously, involuntarily reveal our  
5 emotions in slight changes of expression and through the flow of blood to our skin. Emotions can be detected in eye,  
6 nose and lip movements, in dilated pupils and even in the way people swallow or breathe. And these are just the  
7 visible signs seen by the camera. The thermal sensor can also detect signs which are very difficult to notice, such as  
8 changes in blood vessels around our eyes.  
9 Researchers say the system could be a powerful help for security services at airports, helping experienced  
10 immigration officers as they conduct their security interviews. The results can then be tested against the verdicts of  
11 these officers.  
12 A preliminary study involving 40 volunteers found the system to be 70% precise in identifying liars. However,  
13 researchers believe it will eventually be able to detect around 90% of those who are lying, which is similar to the  
14 performance of the polygraph, but they also admit that these tests can never be 100% correct. What they detect are  
15 emotions, such as distress, fear or distrust, and not the act of lying itself. Fear can sometimes be the fear of not  
16 being believed rather than the fear of being caught.

**I \* COMPREHENSION** (4 points: questions 1-3, 1 point each; 4-5, 0.5 points each)

ANSWER QUESTIONS 1-3 ACCORDING TO THE INFORMATION GIVEN IN THE TEXT. USE YOUR OWN WORDS.

1. **How does the new lie detection system work?**
2. **What would be a practical application for this new system?**
3. **Why can't a lie detection system be 100% correct?**

ARE THESE STATEMENTS TRUE OR FALSE? JUSTIFY YOUR ANSWERS WITH THE PRECISE WORDS OR PHRASES FROM THE TEXT, OR USE YOUR OWN WORDS.

4. **With the new system interviews will no longer be needed.**
5. **The polygraph is not as reliable as the new computerized system.**

**II \* USE OF ENGLISH** (3 points; questions 6-9, 0.25 points each; 10-13, 0.5 points each)

6. GIVE A NOUN WITH THE SAME ROOT AS “**unconsciously**” (adverb).
7. FIND IN THE TEXT ONE SYNONYM FOR “**panic**” (noun).
8. FIND IN THE TEXT THE WORD WHICH HAS THE FOLLOWING DEFINITION: “**an expressed conclusion, judgment or opinion.**”
9. FILL IN THE GAP WITH THE CORRECT OPTION: I **can't think of an answer**. I give \_\_\_\_\_ (over / up / out / on)
10. TURN THE FOLLOWING SENTENCE INTO THE PASSIVE VOICE: **Scientists have developed a new computerized system for lie detection.**
11. FILL IN THE GAP WITH A CORRECT FORM OF THE VERB IN BRACKETS: **By the time the police arrested Jack, he \_\_\_\_\_ (steal) nearly £ 2,000 from his boss.**
12. GIVE A QUESTION FOR THE UNDERLINED WORDS: **Ann was terribly sorry about her mistakes.**
13. JOIN THE FOLLOWING SENTENCES USING A RELATIVE. MAKE CHANGES IF NECESSARY:  
**'Lie to Me' was a TV series about a team of specialists. They found out the truth by analyzing body language.**

**III \* PRODUCTION** (3 points)

14. WRITE A COMPOSITION OF APPROXIMATELY 120 WORDS ABOUT THE TOPIC PROPOSED. YOU MUST FOCUS STRICTLY ON IT:  
**What's the biggest lie or fantasy you have ever been told?**

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**OPTION B**

**“What is the mystery behind the *Mona Lisa*?”**

- 1 Every year, six million visitors from all around the world travel to the Louvre museum in Paris to stare in wonder  
2 at Leonardo da Vinci's famous portrait, the *Mona Lisa*. The portrait took da Vinci four years to complete.  
3 Many questions have been raised over the years regarding the true identity of the lady in the portrait. The Italians  
4 call her *La Gioconda*, which means “the light-hearted woman.” One popular theory suggests that the lady is the  
5 Duchess of Milan. Da Vinci was the family painter for eleven years. Other researchers have said that the painting  
6 could represent a lover of Giuliano de Medici's. A more recent survey concludes that the *Mona Lisa* is the feminine  
7 version of da Vinci himself. Despite the above theories, it is widely accepted that the portrait shows Lisa Gherardini,  
8 the third wife of a wealthy Florentine silk merchant named Francesco del Giocondo.  
9 *Mona Lisa*'s enigmatic smile has been the source of inspiration for many and a cause of desperation in others.  
10 When discussing the mystery behind the smile, art experts often refer to a painting technique called *sfumato*, which  
11 was developed by da Vinci. In Italian, *sfumato* means “vanished” or “smoky,” implying that the portrait is ambiguous,  
12 leaving its interpretation to the viewers' imagination.  
13 In 1911, Leonardo da Vinci's *Mona Lisa* was stolen from the Louvre museum. Two years later the painting was  
14 recovered in Italy. A man called Vincenzo Perugia was arrested as he tried to sell the work to the Uffizi Gallery. He  
15 admitted to the theft, explaining he didn't believe that a painting by such an important Italian artist should be kept in  
16 France.

**I \* COMPREHENSION** (4 points: questions 1-3, 1 point each; 4-5, 0.5 points each)

ANSWER QUESTIONS 1-3 ACCORDING TO THE INFORMATION GIVEN IN THE TEXT. USE YOUR OWN WORDS.

1. **Who seems to be the lady in Leonardo's painting according to most scholars?**
2. **Why is the lady's smile mysterious?**
3. **Why did the thief steal the painting?**

ARE THESE STATEMENTS TRUE OR FALSE? JUSTIFY YOUR ANSWERS WITH THE PRECISE WORDS OR PHRASES FROM THE TEXT, OR USE YOUR OWN WORDS.

4. **Da Vinci's *Mona Lisa* is unfinished.**
5. **Perugia didn't confess to stealing the portrait.**

**II \* USE OF ENGLISH** (3 points; questions 6-9, 0.25 points each; 10-13, 0.5 points each)

6. GIVE A NOUN WITH THE SAME ROOT AS “music” (noun).
7. FIND IN THE TEXT THE WORD WHICH HAS THE FOLLOWING DEFINITION: “To look at someone or something fixedly with wide-open eyes.”
8. FILL IN THE GAP WITH A CORRECT PREPOSITION: **My friend is very bad \_\_\_\_\_ drawing.**
9. FILL IN THE GAP WITH THE CORRECT OPTION: **They broke \_\_\_\_\_ the house and took all the money and jewels they found. out / into / up / across.**
10. TURN THE FOLLOWING SENTENCE INTO REPORTED SPEECH: **She asked him: “Did you go to the museum yesterday?”**
11. FILL IN THE GAP WITH A CORRECT FORM OF THE VERB IN BRACKETS: **If you had seen that spider, you \_\_\_\_\_ (run away) as well.**
12. JOIN THE FOLLOWING SENTENCES USING A RELATIVE. MAKE CHANGES IF NECESSARY: **This is the story of a man. His wife is losing her memory.**
13. REWRITE THE SENTENCE WITHOUT CHANGING ITS MEANING. BEGIN AS INDICATED: ***Mona Lisa* is the feminine version of Da Vinci himself. *Mona Lisa* is said ...**

**III \* PRODUCTION** (3 points)

14. WRITE A COMPOSITION OF APPROXIMATELY 120 WORDS ABOUT THE TOPIC PROPOSED. YOU MUST FOCUS STRICTLY ON IT:  
**Describe one of the school trips you have been on. What interesting things did you see or do?**