

## PRUEBAS PARA LA OBTENCIÓN DE TÍTULOS DE TÉCNICO Y TÉCNICO SUPERIOR

### *Convocatoria correspondiente al curso 2023-2024*

(Resolución del 29 de diciembre de 2023 de la Dirección General de Educación  
Secundaria, Formación Profesional y Régimen Especial)

Datos del Aspirante			Firma
Apellidos			
Nombre	DNI	Fecha	

Código del Ciclo	Denominación Completa del Título
ELES03	Mantenimiento Electrónico
Código del Módulo	Denominación Completa del Módulo Profesional
CM14	Inglés Técnico para Ciclo Superior

Instrucciones del Examen
<p>La prueba tendrá una duración de dos horas y cuarenta y cinco minutos No es necesario ningún material específico. No se permite el uso de dispositivos electrónicos (móviles, smartwatches...) Se aconseja realizar una lectura minuciosa y detallada de las cuestiones planteadas. La prueba se entrega grapada y no se facilitan folios sueltos. Es necesario cumplimentar los datos del aspirante antes del examen y firmar en todas las hojas que se entreguen. Antes de entregar la prueba es necesario mostrar el DNI al profesor examinador. Las respuestas se deben escribir con tinta indeleble, que no sea roja. Si se ha de rectificar una respuesta, trazar un aspa o tachar con una línea horizontal. No utilizar líquido corrector (Tippex) Sólo se resolverán dudas sobre los enunciados de las preguntas .</p>
Criterios de calificación y valoración
<ul style="list-style-type: none"><li>- La prueba consta de Gramática ( 20 puntos) Vocabulario ( 20 puntos ), Reading (15 puntos), Listening,(15 puntos) Writing (15 puntos) y Speaking (15 puntos)</li><li>- La valoración de las cuestiones figura junto a su enunciado.</li><li>- La puntuación total de la prueba es de diez puntos.( La suma de las calificaciones obtenidas en todas las partes se divide entre 10).</li><li>- La calificación mínima necesaria para considerar el ejercicio aprobado es de cinco puntos.</li></ul>

## CALIFICACIÓN

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## READING (15 points)

### Energy efficient lighting

*Lighting accounts for 18 per cent of a typical household's electricity bill. Cutting your lighting bill is one of the easiest ways to save energy and money. Houses typically use a mixture of standard light fittings and downlighters or spotlight fittings. Energy efficient bulbs are available for both types of fittings. Choosing the right bulbs will instantly save your home energy and money.*

#### Replace bulbs

*There are two main types of efficient light bulbs available in the UK. Compact Fluorescent Lamps (CFLs) and Light Emitting Diodes (LEDs). CFLs are a cost-effective option for most general lighting requirements. Replacing a traditional light bulb with a CFL of the same brightness will save you about 3 pounds per year, or 50 pounds over the lifetime of the bulb. LEDs are particularly good for replacing spotlights and dimmable lights. Though more expensive to buy initially, they are more efficient than CFLs and will save you more money in the long term.*

#### Turn lights off

*Implementing control mechanisms and being conscious of our habits can save money and energy. Here are a few easy things to help you start saving:*

- Always turn lights off when leaving a room regardless of how long for.*
- Arrange light switches so that it's convenient to turn them off.*
- Use a sensor and timer on external lights so they are only in use when they need to be.*
- Use appropriate lightings i.e. a low background light while watching television and a right, concentrated light for reading.*

#### Lighting products

*Low energy lighting is becoming the norm as inefficient bulbs are phased out. Energy efficient lighting technology is developing quickly and a range of products are now available to choose from. Traditional light bulbs, also known as tungsten filament, incandescent or GLS (General Lighting Service) are extremely inefficient. Only about 5 per cent of the electricity they use is converted into visible light. Halogen light bulbs also use filament technology, but are slightly more efficient than traditional light bulbs. CFLs (Compact fluorescents) use gas inside a glass tube which is charged with electricity until it glows and gives off light. They use about 75 to 80 per cent less electricity than an equivalent traditional bulb and can last up to 10 times longer.*

*LEDs are simple solid state electronic devices that allow electricity to flow through them in one direction to produce a small amount of light. They are still expensive, but they are the most efficient option.*

**1. READ THIS TEXT AND TICK THE SENTENCES TRUE OR FALSE ( 5x1= 5)**

1. More than 20% of your electricity bill is spent on lighting. T/F
2. LED and CFLs are available in the UK and can save you money. T/F
3. CFLs are more efficient than LEDs T/F
4. Different activities in the home need different ways of lighting. T/F
5. LEDs are not the most efficient choice, they will be in the future. T/F

**2. FIND IN THE TEXT A SYNONYM OF: ( 5x1 = 5)**

- |                |                      |
|----------------|----------------------|
| 1. Combination | 4. Luminosity        |
| 2. Change      | 5. Handy, accessible |
| 3. Needs       |                      |

**3. ANSWER THE FOLLOWING QUESTIONS ACCORDING TO THE TEXT: ( 5x 1= 5)**

1. What kind of fittings do houses typically have?

.....

2. How much can you save by using a CFL instead of traditional light bulb?

.....

3. Why are traditional light bulbs inefficient?

.....

4. How do CFLs work?

.....

5. Which lamps are the most efficient of all?

.....

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### VOCABULARY ( 20 points)

#### 4.COMPUTERS. WRITE THE RIGHT TERMS FOR THESE DEFINITIONS. (5 x 1 = 5)

1. All the parts of a computer you can see and touch \_\_\_\_\_
2. Computers designed for use at a desk or a table \_\_\_\_\_
3. A video camera connected to a computer \_\_\_\_\_
4. The main board of a computer, with many chips on it . \_\_\_\_\_
5. A small round disk on which sound or information is recorded \_\_\_\_\_

#### 5. ELECTRICITY. WRITE THE RIGHT TERM NEXT TO ITS DEFINITION . (5 X 1= 5)

1. The same rate is charged for electricity consumed all day \_\_\_\_\_
2. Periods are low demand periods, and electricity is cheaper \_\_\_\_\_
3. A certificate that rates the efficiency of houses \_\_\_\_\_
4. A document that states the price and conditions for completing a project \_\_\_\_\_
5. Periods are high demand, and higher rate is charged \_\_\_\_\_

#### 6.ELECTRONICS.WRITE THE RIGHT TERM NEXT TO IT DEFINITION. (5X 1= 5)

1. Two terminal device that conducts in only one direction \_\_\_\_\_
2. Electrical device used to store electrical charge \_\_\_\_\_
3. Metallic alloy of tin and lead used to join two metal surfaces. \_\_\_\_\_
4. Protective device that breaks when current exceeds a maximum value. \_\_\_\_\_
5. Component made of material that opposes flow of current and has some value of resistance. \_\_\_\_\_

**7. TELECOMMUNICATIONS. WRITE A TERM NEXT TO ITS DEFINITION (5 x 1 = 5)**

- 1 . A compact antenna used in cellular phones. It uses a design to maximize the length of material that can receive or transmit electromagnetic radiation \_\_\_\_\_
2. It is used for operating a device wirelessly from a short distance \_\_\_\_\_
3. The simplest antenna, consisting of two identical conductive elements such as metal wires or rods, which are bilaterally symmetrical \_\_\_\_\_
- 4 . These signals have a limited resolution and may have interferences from other systems.\_ \_\_\_\_\_
5. A directional antenna, consisting of multiple parallel dipole elements in a line, usually made of metal rods \_\_\_\_\_

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### GRAMMAR (20 points)

#### 8. COMPLETE THE SENTENCES WITH A MODAL VERB (affirmative or negative) ( 5 x 1 = 5)

- He \_\_\_\_\_ take a camera, because he can use his mobile to take pictures.
- Electricians \_\_\_\_\_ work in wet areas. It is banned for them because it is so dangerous.
- He \_\_\_\_\_ help tomorrow, but it is not very likely.
- In my opinion, you \_\_\_\_\_ buy appliances with low power consumption.
- This mobile is really powerful. You \_\_\_\_\_ open several apps at the same time and it is fast.

#### 9. COMPLETE WITH THE CORRECT VERB TENSE, ACTIVE OR PASSIVE, OF THE VERBS IN BRACKETS ( 5 X 1 = 5 )

- The tools \_\_\_\_\_ ( usually / keep ) in workbenches.
- I think my laptop \_\_\_\_\_ (repair) by next week.
- He has a van. He \_\_\_\_\_ (deliver) spare parts to the shops for years.
- Wire strippers \_\_\_\_\_ (use) for peeling cables.
- The customer \_\_\_\_\_ ( fill in) a complaint form last week.

#### 10. REWRITE THE SENTENCES USING CONDITIONALS ( 5X 1 = 5)

- Switch on the computer. It will start.

The computer \_\_\_\_\_

- I can't buy this smartphone. It is too expensive.

If \_\_\_\_\_ -

- I advise you to buy an iPad.

If \_\_\_\_\_

- You were late. That's why you missed the train.

If you \_\_\_\_\_

5. Follow the instructions and you will avoid electrical risks.

If you \_\_\_\_\_

**11. REWRITE THE FOLLOWING SENTENCES IN REPORTED SPEECH ( 5 X 1 = 5)**

1. "Tom is living in London now"

He said that \_\_\_\_\_

2. "Did you charge your mobile yesterday?"

He asked him \_\_\_\_\_

3. "Did you work here?"

She asked me \_\_\_\_\_

4. "Let's fix the CD player"

He \_\_\_\_\_

5. "Don't touch my tools"

The electrician \_\_\_\_\_

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**WRITING (15 points)**

**12. WRITE AN E-MAIL TO A COMPUTER TECHNICIAN. GIVE INFORMATION ABOUT YOUR COMPUTER. EXPLAIN CLEARLY WHICH PROBLEM YOU HAVE WITH IT. ASK ABOUT PRICE AND DATES. (100 words).**

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## LISTENING .

LISTEN TO THE DIALOGUE TWICE AND ANSWER QUESTIONS 13 AND 14. (15 points)

### 13. ANSWER THESE QUESTIONS ( 5 x 2= 10)

1. What kind of satellites are there? Give examples.

.....

2. What is Ariane?

.....

3 How was a satellite performance years ago?

.....

4. How is a satellite performance nowadays?

.....

5. Why are there different types of telecommunication satellites?

.....

### 14. WRITE TRUE OR FALSE (5 X 1= 5)

1. A satellite is an object in the space that circles around a bigger object **T/F**

2. A communications satellite is a communications relay in the sky . **T/F**

3. Communications satellites also use a small amount of fuel . **T/F**

4. It costs more than 400 million euros to manufacture one. **T/F**

5. It takes from one to four years to manufacture one. **T/F**

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**SPEAKING ( 15 points)**

**15. YOU CAN SEE TWO OPTIONS. CHOOSE ONE OF THEM AND FOLLOW THE INSTRUCTIONS.**

**OPTION A**

1. Introduce yourself and explain why you are taking this exam ( two minutes).
2. Describe what you can see in the pictures ( three or four minutes).
3. Give instructions on how to change a wall socket ( five or six minutes).



## OPTION B

1. Introduce yourself and Explain why you are taking this exam (two minutes).
2. Describe what you can see in the pictures ( three or four minutes minutes).
3. Try to convince a dissatisfied customer to use your phone repair service again (five or six minutes).



/15	
Task completion 0-3 points	_____
Fluency and coherence 0-3	_____
Pronunciation 0-3 points	_____
Vocabulary 0-3 points	_____
Grammar 0-3 points	_____

\*Task completion measures how thoroughly the student completed the task. A response that is very short negatively impacts other category scores due to insufficient evidence.



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