

## Pruebas para la obtención de títulos de Técnico y Técnico Superior

### Convocatoria correspondiente al curso 2021-2022

(Resolución de 3 de diciembre de 2021 de la Dirección General de Educación Secundaria, Formación Profesional y Régimen Especial)

| DATOS DEL ASPIRANTE |                            |        | FIRMA |
|---------------------|----------------------------|--------|-------|
| APELLIDOS:          |                            |        |       |
| Nombre:             | D.N.I. N.I.E. o Pasaporte: | Fecha: |       |

|                                    |   |
|------------------------------------|---|
| Código del ciclo:<br><b>ELEM01</b> | Denominación completa del título:<br><b>INSTALACIONES ELÉCTRICAS Y AUTOMÁTICAS</b>      |
| Clave/código módulo:<br><b>02</b>  | Denominación completa del módulo profesional:<br><b>INGLÉS TÉCNICO PARA GRADO MEDIO</b> |

| INSTRUCCIONES GENERALES PARA LA REALIZACIÓN DE LA PRUEBA   |
|--|
| <p>Indíquese cuantas instrucciones sean necesarias para la realización de la prueba, materiales necesarios, duración y cualesquiera otros aspectos relevantes que se consideren oportunos como, entre otros, los siguientes:</p> <ul style="list-style-type: none"> <li>• Complimentar los datos del aspirante antes del examen y firmar en todas las hojas que se entreguen.</li> <li>• Tener disponible el DNI en la mesa.</li> <li>• Señalar y escribir con tinta indeleble, que no sea roja, las respuestas y su desarrollo.</li> <li>• Si se ha de rectificar una respuesta, trazar un aspa o tachar con una línea horizontal. No utilizar líquido corrector (Tippex).</li> <li>• Utilizar solamente el papel facilitado por el examinador (con el sello y formato correspondiente).</li> <li>• No utilizar material de consulta (salvo aquél que se autorice expresamente).</li> </ul> |

| CRITERIOS DE CALIFICACIÓN Y VALORACIÓN   |
|--|
| <p>La prueba consta de 5 partes y tiene un total de 100 puntos:</p> <ul style="list-style-type: none"> <li>- Vocabulary: 20 puntos.</li> <li>- Listening: 10 puntos.</li> <li>- Reading: 20 puntos.</li> <li>- Grammar: 40 puntos.</li> <li>- Writing: 10 puntos.</li> </ul> <p>Para aprobar, será necesario obtener un mínimo de 50 puntos.</p> |

| CALIFICACIÓN |
|--------------|
| <p>.....</p> |

## READING (20 points)

1. Read the text and decide if the sentences are TRUE or FALSE according to the text.

# 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 energy 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 per year, or £50 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 back ground 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. **CFL** (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.

Adapted from <http://www.energysavingtrust.org.uk>

1. More than 20% of your electricity bill is spent on lighting. T / F
2. LEDs 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 still the most efficient choice, they will be in the future. T / F

| DATOS DEL ASPIRANTE |                            |        | FIRMA |
|---------------------|----------------------------|--------|-------|
| APELLIDOS:          |                            |        |       |
| Nombre:             | D.N.I. N.I.E. o Pasaporte: | Fecha: |       |

## 2. Answer the following questions about the Reading.

1. What kind of fittings do houses typically have?

\_\_\_\_\_

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

\_\_\_\_\_

3. Why are traditional light bulbs inefficient?

\_\_\_\_\_

4. How do CFLs work?

\_\_\_\_\_

5. Which lamps are most efficient of all?

\_\_\_\_\_

## LISTENING (10 points)

1. Listen and circle the right answer (A, B, C) or answer the questions.

1. Getting a job as an electrician...

- a) was easy.
- b) was a long process.
- c) started with an interview.

2. Richard got the job and he...

- a) is going to start next week.
- b) started last week.
- c) is already working in a repair shop.

3. Richard

- a) had no previous experience in the job.
- b) worked in a garage in Berlin.
- c) worked for 6 months in Dublin.

4. What three things did he put in the application form

- a) \_\_\_\_\_
- b) \_\_\_\_\_
- c) \_\_\_\_\_

5. Does he wear a uniform? Which?

\_\_\_\_\_

## VOCABULARY (20 points)

1. What's their job? Choose from the following jobs. (5 x 1 = 5 points)

| supervisor             | computer scientist  | junior electrician |
|------------------------|---------------------|--------------------|
| diagnostic electrician | aerials electrician |                    |

1. They help senior and experienced electricians. \_\_\_\_\_
2. They install and repair aerials. \_\_\_\_\_
3. They identify the problem or breakdown. \_\_\_\_\_
4. They organise and control work in an electrical workshop. \_\_\_\_\_
5. Experts on designing computers, hardware and software. \_\_\_\_\_

2. Circle the correct answer. (5 x 1 = 5 points)

1. I only work two hours a day. I've got a **temporary** / full-time / part-time job.
2. Electrical line workers usually work **indoors** / outdoors and their job is quite **dangerous** / safe.
3. She always plans her work; she's so **polite** / organized / reliable.
4. Don't be **lazy** / organized / scruffy. An electrician has to work hard.
5. With his ability and experience he is a **skilled** / ambitious / helpful electrician.

3. Write the right tool next to the definition. The first letter is given. (5 x 1 = 5 points)

1. For bending, twisting, cutting and pulling wires we use the **p** \_\_\_\_\_.
2. For getting the plastic coating off wires you use the **w** \_\_\_\_\_  
**s** \_\_\_\_\_.
3. A **s** \_\_\_\_\_ is used for turning screws.
4. With **f** \_\_\_\_\_ **t** \_\_\_\_\_ you can route new wiring through walls.
5. The **m** \_\_\_\_\_ is an instrument that measures voltage, current and resistance.

4. Write these tools in the right column. (10 x 0.5 = 5 points)

|        |           |             |             |                  |
|--------|-----------|-------------|-------------|------------------|
| wrench | scissors  | wattmeter   | multimeter  | flat head driver |
| knife  | Robertson | clamp meter | fuse puller | hex keys         |

| CUTTING | GRIPPING | SCREWDRIVERS | TESTING |
|---------|----------|--------------|---------|
|         |          |              |         |

| DATOS DEL ASPIRANTE |                            |        | FIRMA |
|---------------------|----------------------------|--------|-------|
| APELLIDOS:          |                            |        |       |
| Nombre:             | D.N.I. N.I.E. o Pasaporte: | Fecha: |       |

## GRAMMAR (40 points)

### 1. Complete these sentences with the right form of the verbs TO BE and TO HAVE. (5 x 1 = 5 points)

1. My parents \_\_\_\_\_ (not) a smartphone.
2. My brother \_\_\_\_\_ a car electricity specialist.
3. A multimeter \_\_\_\_\_ two leads: a black and a red one.
4. \_\_\_\_\_ you happy with your new job?
5. They run their own business, they \_\_\_\_\_ a small electronics repair shop.

### 2. Complete these sentences with the correct form of the verbs in brackets. Use the PRESENT SIMPLE or CONTINUOUS. (5 x 1 = 5 points)

1. They \_\_\_\_\_ (not /go) out at night very often.
2. The technician \_\_\_\_\_ (fix) my mobile phone now.
3. What \_\_\_\_\_ (he/do)? He's studying for an exam.
4. The car \_\_\_\_\_ (stop) at the traffic lights right now.
5. He always \_\_\_\_\_ (prefer) laptops to desktop computers.

### 3. Fill in the blanks with the verbs in brackets in the PAST SIMPLE or CONTINUOUS. (5 x 1 = 5 points)

1. I \_\_\_\_\_ (drive) when you \_\_\_\_\_ (phone) me yesterday.
2. Lucy \_\_\_\_\_ (study) Electronics at 5:30 yesterday afternoon.
3. He \_\_\_\_\_ (buy) a new PC last month.
4. I \_\_\_\_\_ (ride) my bicycle when I \_\_\_\_\_ (arrive) at the workshop.
5. My sister \_\_\_\_\_ (not/pass) the exam last week. She \_\_\_\_\_ (be) so disappointed.

### 4. Fill the gaps with the right relative pronoun. (5 x 1 = 5 points)

1. The computer \_\_\_\_\_ he wants to buy has a touch screen.
2. The boy \_\_\_\_\_ is playing computer games is my son.
3. These are the light bulbs \_\_\_\_\_ I always buy for my lamps.
4. In my opinion Steve Jobs, \_\_\_\_\_ founded Apple, was the best.
5. August is the month \_\_\_\_\_ we always go on holidays.

### 5. Fill in the gaps with the PRESENT PERFECT of the verbs in brackets. (5 x 1 = 5 points)

1. She \_\_\_\_\_ (be) to London twice.
2. We \_\_\_\_\_ (try) to fix the mobile, but it is not worth.
3. \_\_\_\_\_ (you/speak) to a computer scientist to ask him for advice?
4. My friend \_\_\_\_\_ (write) a blog on household appliances.
5. They \_\_\_\_\_ (not/finish) their task yet.

**6. Fill in the blanks with the Present Perfect and YET, ALREADY, JUST, FOR or SINCE.**

**(5 x 1 = 5 points)**

1. Anna \_\_\_\_\_ (repair) the computer. She did it last weekend.
2. The technician \_\_\_\_\_ (not/find) a solution to the problem \_\_\_\_\_.
3. They \_\_\_\_\_ (deliver) the order. Is everything OK?
4. He \_\_\_\_\_ (study) Electronics \_\_\_\_\_ two years.
5. I \_\_\_\_\_ (work) in the same company \_\_\_\_\_ 2017.

**7. Complete the sentences with the right future form of the verb in brackets: WILL / BE GOING TO / PRESENT CONTINUOUS for future. (5 x 1 = 5 points)**

1. My father \_\_\_\_\_ (drive) to Oxford tomorrow. He has a meeting there at 5.
2. What are you going to drink? – Um... I \_\_\_\_\_ (have) a coke, please.
3. He took the decision last week. He \_\_\_\_\_ (buy) a new iPhone soon.
4. I'm sorry, I have to go. I \_\_\_\_\_ (see) my friends later.
5. I am sure you \_\_\_\_\_ (be) a greater engineer in the future.

**8. Complete with the comparative or superlative form of the adjectives in brackets.**

**(5 x 1 = 5 points)**

1. A dishwasher is \_\_\_\_\_ a microwave. (big)
2. The new Samsung Galaxy is \_\_\_\_\_ the old one. (expensive)
3. These smartphones are \_\_\_\_\_ of all the mobiles I know. (stylish)
4. This microprocessor is \_\_\_\_\_ I have ever seen. (powerful)
5. My mobile is much \_\_\_\_\_ an iPhone. (cheap)

**WRITING (10 points)**

**Write a short cover letter in response to the advert below (80-100 words)**

**LEO'S WIRES (Norwich)**

Junior Electrician requires fir city centre electrical repair shop at Norwich. Responsible and hardworking.  
Duties: repairing all kinds of household appliances. Previous experience not required.  
Good salary available. Languages: French and English.

| DATOS DEL ASPIRANTE |                            |        | FIRMA |
|---------------------|----------------------------|--------|-------|
| APELLIDOS:          |                            |        |       |
| Nombre:             | D.N.I. N.I.E. o Pasaporte: | Fecha: |       |





| DATOS DEL ASPIRANTE |                            |        | FIRMA |
|---------------------|----------------------------|--------|-------|
| APELLIDOS:          |                            |        |       |
| Nombre:             | D.N.I. N.I.E. o Pasaporte: | Fecha: |       |

