

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

### **Convocatoria correspondiente al curso académico 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: <b>IMAS03</b>	Denominación completa del título: <b>TÉCNICO SUPERIOR EN MECATRÓNICA INDUSTRIAL</b>
Clave del módulo: <b>CM14- 10</b>	Denominación completa del módulo profesional: <b>INGLÉS TÉCNICO PARA GRADO SUPERIOR</b>

IINSTRUCCIONES GENERALES PARA LA REALIZACIÓN DE LA PRUEBA
<ul style="list-style-type: none"> <li>- Cumplimentar 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 está permitido el uso de ningún diccionario ni dispositivo con opción a traducción o búsqueda de palabras en inglés.</li> <li>-La prueba se realizará íntegramente en lengua inglesa.</li> </ul>
CRITERIOS DE CALIFICACIÓN Y VALORACIÓN
<ul style="list-style-type: none"> <li>- El examen se compone de 7 ejercicios divididos en diferentes partes y destrezas del inglés. Gramática supondrá un total de 30 puntos, Vocabulario 30 puntos, <i>Reading</i> o Lectura, 20 puntos y <i>Writing</i> o Redacción, 20 puntos. El total sobre el que se calificará esta prueba es, por tanto, de 100 puntos.</li> <li>- No hay penalizaciones por respuesta incorrecta en los ejercicios tipo test.</li> <li>-El <i>Writing</i> o Redacción se valorará de acuerdo a los siguientes puntos: contenido, eficacia en la comunicación, coherencia y cohesión y gramática y vocabulario utilizado.</li> <li>-Si se realiza un borrador de la redacción, táchese e indíquese cuál es claramente el que hay que valorar.</li> </ul>

CALIFICACIÓN
<div style="border-top: 1px solid black; width: 100%;"></div>

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

### CONTENIDO DE LA PRUEBA: Grammar (30 puntos).

#### 1. Circle or write the correct answer in the questions 1-30 below. ( 30 PUNTOS)

- 1 How often \_\_\_\_ your aunt and uncle? A are you seeing B you see C do you see
- 2 My cousin \_\_\_\_ biology at university. A studies B is studying C study
- 3 My watch \_\_\_\_\_. It's broken. A isn't working B doesn't working C isn't work
- 4 A What \_\_\_\_ like?  
B She's got long, dark hair and she's very tall. A does she B does she looks C does she look
- 5 Uma \_\_\_\_ a vegetable curry and it looks delicious. A cooking B cooks C is cooking
- 6 When we arrived, it \_\_\_\_\_. A raining B were raining C was raining
- 7 We were very late, \_\_\_\_ we took a taxi. A because B but C so
- 8 When I \_\_\_\_ her, she was working in a supermarket. A met B meet C was meeting
- 9 We sat down on the beach. It started to rain five minutes \_\_\_\_! A then B after C later
- 10 When I saw him, he \_\_\_\_; he was watching TV. A didn't watch B wasn't watching C weren't watching
- 11 What time \_\_\_\_ the film \_\_\_\_? A does/star B do/start C does/starts
- 12 Who \_\_\_\_ on your last holiday? A you saw B did you see C did you saw
- 13 How often \_\_\_\_ your aunt and uncle? A are you seeing B you see C do you see
- 14 I'm looking for someone \_\_\_\_ can speak Japanese. A which B what C who
- 15 It was really cold in Cairo, \_\_\_\_ it's normally hot there. A because B although C so
- 16 \_\_\_\_ to a restaurant last night? A Did you go B Did you went C Were you
- 17 I usually go by car, but yesterday I \_\_\_\_ by bus. A gone B goed C went
- 18 \_\_\_\_ you ever \_\_\_\_ anything on that website? A Have/ go B Have/gone C Has/went
- 19 We didn't go \_\_\_\_ exciting at the weekend. A anywhere B somewhere C nowhere
- 20 I'm not very hungry, so I don't want to eat \_\_\_\_ food. A too much B too many C enough
- 21 My new teacher isn't \_\_\_\_ nice as my old one. A more B as C the
- 22 Paris is \_\_\_\_ exciting city I've been to. A most B the most C the more
- 23 \_\_\_\_ it started raining, so we went inside. A Suddenly B When C After
- 24 This TV is \_\_\_\_ expensive than that one. A more B most C the most
- 25 I would \_\_\_\_ work abroad in the future. A like to B like C to
- 26 Could you \_\_\_\_ when you were four years old? A to swim B swimming C swim
- 27 You've got an exam tomorrow. You \_\_\_\_ go out tonight. A don't should B shouldn't to C shouldn't
- 28 If they \_\_\_\_ arrive in five minutes, we'll go. A didn't B won't C don't
- 29 Listen – I have \_\_\_\_ important to tell you! A anything B something C nothing
- 30 What \_\_\_\_ she do if she lost her job? A will B would C did

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

**Vocabulary (30 puntos).**

**2. Circle the correct answer ( 20 puntos)**

- To develop something is :
  - To inspect something carefully
  - To create it or cause it to grow
  - To plan how it will look and function
- A vault is:
  - A shape with four sides and right angles
  - A shape that is half of a circle
  - An arch that extends through a structure
- A shape with two circular ends is a
  - Cylinder
  - Triangle
  - Square
- Stainless steel does not
  - Rust
  - Afford
  - Reinforce
- If something is covered by some type of material it is:
  - Coated
  - Textured
  - Full
- Which of these tools holds an object in place?
  - Pliers
  - Wire stripper
  - Vise
- A lever needs a...
  - Fulcrum
  - Wedge
  - Pulley
- A number multiplied three times by itself is...
  - Cubed
  - Squared
  - Third
- How do you read 0.003?
  - Three tenths
  - Three hundredths
  - Three thousandths
- One twelfth of a foot is a(n)
  - Meter
  - Centimeter
  - Inch
- An attempt to explain an observation is...
  - A hypothesis
  - A result
  - A problem
- An injury caused by electricity is a(n)
  - Sprain
  - Shock
  - Hazard
- The object you use to protect your eyes at work:
  - Gloves
  - Goggles
  - Glass
- Who would deal with road construction?
  - An architect
  - A civil engineer
  - A roads engineer
- A programme that creates computer models:
  - CAM
  - CAD

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

c. CFD

16. The process of creating drawings is called:

- a. Simulation
- b. Prototype
- c. Drafting

19. Watts put out by a device

- a. Output power
- b. Input voltage
- c. Power supply

17. The initial model of a machine is called:

- a. Simulation
- b. Prototype
- c. Drafting

20. The noun derived from the adjective deep  
is...

- a. Depth
- b. Deepery
- c. Deepment

18. What is a deadline?

- a. Something wrong in a machine
- b. The last day to complete a job or task
- c. A dangerous place in a factory

**3. Match each word to its definition. ( 10 puntos. 2 cada uno).**

<b>1) fire drills</b> _____	<b>A)</b> a place where two or more roads meet, forming a circle that all traffic must go around in the same direction
<b>2) expansion valve</b> _____	<b>B)</b> a part of an engine that consists of a short cylinder that fits inside a tube and moves up and down or backwards and forwards to make other parts of the engine move
<b>3) piston</b> _____	<b>C)</b> a practice of what people must do in order to escape safely from a fire in a building
<b>4) roundabout</b> _____	<b>D)</b> a device that discovers and reacts to changes in such things as movement, heat, and light.
<b>5) sensor</b> _____	<b>E)</b> a device that decompresses the refrigerant (cooling system).

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

Reading (20 puntos).



**Energy**

**STRETCHING SEATBELT TEST:**

**Abstract**

Background: Passengers who are riding in a car have **potential energy**. In a crash, a car **decelerates** quickly. This causes the passengers' potential energy to become **kinetic energy**. Passengers wearing seatbelts stop. With non-stretching seatbelts, the passenger's **stopping distance** is short. Stretching seatbelts increase this distance. The **work-energy principle** shows that a slightly greater stopping distance exerts less force on passengers.

Results: Tests show that stretching seatbelts reduce the **force** and **Gs** that passengers feel.

Conclusions:  
The new seatbelts reduce injuries.  
This is because less **work** is done on passengers. Instead, most of the passenger's kinetic energy **transfers** to the belt.

decelerate

stopping distance

kinetic energy

potential energy

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

**4. Read this abstract from a seatbelt test. Then say if the statements are true (T) or false (F) and correct the false ones. (3x 2= 6+4 =10)**

1. \_\_\_\_\_ Kinetic energy becomes potential energy in a crash.
  
2. \_\_\_\_\_ Shorter stopping distances exert less force on people.
  
3. \_\_\_\_\_ Stretching seatbelts cause less work to be done on people.

**5. Read the sentence pairs. Complete the blanks with the correct words. (3x2=6)**

1. Decelerate/stopping distance
  - a. The \_\_\_\_\_ of this car is dangerously long.
  - b. Drivers \_\_\_\_\_ when they press the brake.
2. Kinetic energy/potential energy
  - a. A still object has \_\_\_\_\_
  - b. A moving object has \_\_\_\_\_
3. Force/work
  - a. When you kick a ball, the \_\_\_\_\_ moves it forward.
  - b. A machine does \_\_\_\_\_ when it moves another object.

**6. Match the words 1-4 with the definitions A-D. ( 4 puntos. 1 cada uno).**

- |                                |                   |
|--------------------------------|-------------------|
| 1. _____ abstract              | 3. _____ G        |
| 2. _____ work-energy principle | 4. _____ transfer |
- A. A summary of an article, document or other text
  - B. To move from one object to another
  - C. The unit of force that equals the force of gravity
  - D. The idea that a moving object's energy equals the distance it moves



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

**Writing (20 puntos).**

7. You are the Manager of IT Online Ltd. Reply to this letter.

The Manager, IT Online Ltd

Dear Sir or Madam

I wish to complain about the Mace notebook computer which I ordered from your online store last month (order number 60335/01). The computer was delivered only yesterday. When I opened the box, the adapter was missing. This is very poor service indeed. I look forward to hearing from you.

Peter Bradwell

Write about 120 words.



Comunidad  
de Madrid

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

### Convocatoria correspondiente al curso académico 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:	

HOJA EXTRA PARA BORRADOR O REDACCIÓN DEFINITIVA.