



Castilla-La Mancha

Consejería de  
Educación, Cultura  
y Deportes

CALIFICACIÓN: \_\_\_\_\_

PRUEBAS DE ACCESO A CICLOS FORMATIVOS DE GRADO SUPERIOR DE  
FORMACIÓN PROFESIONAL 2019  
PRIMERA CONVOCATORIA

Apellidos \_\_\_\_\_ Nombre \_\_\_\_\_

DNI / NIE \_\_\_\_\_

Centro de examen \_\_\_\_\_

PARTE COMÚN  
MATERIA: INGLÉS.

Instrucciones Generales

- *Duración del ejercicio: Hora y media.*
- *Mantenga su DNI en lugar visible durante la realización de la prueba.*
- *Realice el ejercicio en las hojas de respuestas entregadas al final de este documento y entregue este cuadernillo completo al finalizar la prueba.*
- *Lea detenidamente los textos, cuestiones o enunciados.*
- *Cuide la presentación y la ortografía.*
- *Revise la prueba antes de entregarla.*

Criterios de calificación:

*Esta materia de la prueba se calificará numéricamente entre 0 y 10 puntos, en función de los siguientes criterios:*

- *Ejercicio 1: 1 punto., 0,5 puntos cada apartado.*
- *Ejercicio 2: 2 puntos., 1 punto cada apartado*
- *Ejercicio 3: 1 punto., 0,25 puntos cada respuesta correcta*
- *Ejercicio 4: 1,5 puntos., 0,5 puntos cada respuesta correcta*
- *Ejercicio 5: 1,5 puntos., 0,25 puntos cada respuesta correcta*
- *Ejercicio 6: 3 puntos*

**La nota de la parte común, será la media aritmética de las calificaciones obtenidas en cada una de las materias de las que consta, siempre que se obtenga, al menos, una calificación de cuatro puntos en cada una de ellas. Esta nota media deberá ser igual o superior a cuatro puntos para que haga media con la parte específica.**



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## EJERCICIOS

### “Black hole\* picture captured for first time in space”

Astronomers have captured the first image of a black hole\*, starting a revolution in our understanding of these enigmatic objects. The picture shows a circle of dust and gas, showing the representation of a colossal black hole. It is situated at the heart of the Messier 87 galaxy.

The black hole itself is invisible. But the latest observations help astronomers to understand its origin for the first time. The origin of these objects which break all the physical laws and which scientist don't understand.

The incredible image was captured by the Event Horizon telescope (EHT), a network of eight radio telescopes, where more than 200 scientists work.

France Córdova, director of the US National Science Foundation and an astrophysicist, said that the image, which she had only seen at the press meeting which she was giving, had brought tears to her eyes. “We have been studying black holes for so long that sometimes it's easy to forget that none of us has seen one,”

The image gives the first direct image of a black hole's disc, an unclear ring of gas and dust that gradually absorb the particles which form the circle. The EHT picks up the radiation emitted by these gyratory particles forming a circle before vanishing down the hole.

Black holes were first predicted by Einstein's theory of relativity – although Einstein himself was not convinced that they actually existed. Since then, astronomers have accumulated powerful evidence that these cosmic holes are out there, including recent detection of gravitational undulations that occur when pairs of black holes crash.

**\*agujero negro**

(adapted from an article in The Guardian:<https://www.theguardian.com/science/2019/apr/10/>)



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## PART I

**1. Say if the sentences are TRUE(T) or (FALSE) according to the text. Copy the evidence from the text (1 punto).**

- a) France Cordova felt a great emotion when she saw the image for the first time
  
  
  
  
  
  
  
  
  
  
- b) Einstein was completely sure that black holes existed

**2. Answer the questions according to the text. Use your own words. Cada pregunta se valora 1 punto (0,5 por la comprensión de la pregunta y 0,5 puntos a la corrección gramatical y ortográfica de la respuesta)**

- 1. Where was France Córdoba when she saw the picture for the first time?
  
  
  
  
  
  
  
  
  
  
- 2. Apart from these, are there other evidences that black holes exist?

## PART II. VOCABULARY AND GRAMMAR

**3. Find synonyms in the text with the same meaning as the following (0.25 puntos cada respuesta correcta)**

- a) Centre, core (paragraph 1)
- b) Unbelievable , amazing (paragraph 3)
- c) Disappearing (paragraph 5)
- d) Strong, convincing (paragraph 6)



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## 4. Rewrite these sentences starting with the words given. Do not change the original meaning of the sentences. (0,5 puntos cada respuesta correcta)

- a) You may catch the 6 o'clock train if you hurry, he said  
He said.....
- b) The wind blew several trees down last night  
Several trees.....
- c) My advice is to take the dog to the vet  
If I.....

## 5- Complete the sentences with a correct expression using the words in brackets. (0,25 puntos cada palabra correcta)

- a) She..... (help) you if you had told her
- b) Do you mind ..... ( tell) me what you are doing here
- c) It ..... (rain) all day and it has not stopped yet
- d) One of ..... (bad) experiences in my life was that terrible car accident we had
- e) When she arrived at the station, the train .....::.....(already leave) so she missed it
- f) If you pull the cat's tail, it ..... (scratch) you

## 6.-Writing (4 puntos)

Do you think scientists will find life in other planets in a near future?



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