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DUED

04790037 - INGLÉS-AVANZADO

CS00

Septiembre 2015

Anular

05/09/2015 Hora de entrada: 15:47 Hora de salida: 17:47

INGLÉS

Examen tipo: A
MIXTO

SALÓN MULTIUS Fila: 8 Columna: 1

NACIONAL ORIGINAL

Hoja 1 de 5 (+1)

LES ILLES BALEARS-PALMA M. - 024000

MOROTE MENDOZA, JESUS MARIA

Material: Ninguno

Es imprescindible entregar esta hoja para salir del aula NO ESCRIBIR EN EL REVERSO DE ESTA HOJA

CASO 1: Si sólo se marca una fila,

В

la respuesta correcta es ésa

Anular

¿Desea obtener un certificado de asistencia? (Rellenar el cuadro completamente)

D

Las casillas deben rellenarse en su totalidad con bolígrafo negro o azul. NO USAR LÁPIZ NI

NSTRUCCIONES:

С

BIEN

в с

CASO 2: Si se marca la segunda

fila, no se tiene en cuenta la primera

MAL

TIP-EX

CASO 3: Marcar "Anular" es igual que no contestar a la pregunta

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2	A B C D	12	A B C D	22 A B C
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3	A B C D	13		Anular
Anular		Anular		
4	A B C D	14	A B C D	24 A B C
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5	A B C D	15	A B C D	25 A B C
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		10		
6	A B C D	16	A B C D	
Anular		Anular		
7	A B C D	17	A B C D	<u> </u>
Anular		Anular		
8	A B C D	18	A B C D	
Anular		Anular		
		40		<u> </u>
9	A B C D	19 Anular	A B C D	
Anular		Anulai		
10	A B C D	20	A B C D	-
Anular		Anular		



05/09/2015	DNI:	1498286	C	LAVE DE VERIFICACIÓN: CS00	
QUITOIET IT		NANTE:MOROTE M	IENDOZA, JESUS MARIA		
DUED	ESTUDIOS: INGLÉS				
	ASIGN	ATURA: 04790037	- INGLÉS-AVANZADO		
		-mail			
	Hī	Henry,	in always talking you are and the lawn are solved the problem now.	my problems with	
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itha	s in	the down	solved the problem now. The grass. It is a me with finel goes with finel for two Knives to go de collected in a big by	rg at the back side	
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of the	ma	drine.	have a cleaner and	mær green, and	
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			Escriba por ambas caras	Hoja de	

have indontitely been bromatic. The electricity, the machanic outomotion, the biologic researches, the light against deseases automotion, the biologic researches, the light against deseases and plagues, etc. have been a great progress whose results and plagues, etc. have been a great progress whose results are the progress in the quality of life and the time expectations are the progress in the quality of life and more confortable than of life. Human life is longer and more confortable than yesterday. OPTION 2 But that improvements in the standard of living aven't free. They demand more and more sources of energy to be used. And the resources are not untimited. In the environment is changing by the growing mye of natural resources All this cannot, zerhaps, he stopped, but it can be delayed. The foverments of the world countries, and people, must be aware of that. The tetter standard of hing, in the short term, can be changed in the worst standard. We must find a balance between welfare and preservation of the environment.

Hoja 2 de 5



UNIVERSIDAD NACIONAL DE EDUCACIÓN A DISTANCIA CUID (B2 AVANZADO) – SEPTIEMBRE 2015 – DURACIÓN: 2 HORAS NO SE PERMITE EL USO DE DICCIONARIO, DISPOSITIVO ELECTRÓNICO, NI DE NINGÚN OTRO MATERIAL EXCEPTO BOLÍGRAFO

1A

INSTRUCCIONES:

Conteste a TODAS las preguntas de tipo test ÚNICAMENTE en la hoja de lectura óptica. Entregue ÚNICAMENTE la hoja de lectura óptica y LA HOJA con las **DOS composiciones** escritas (Writing)

No olvide escribir sus datos personales en AMBAS HOJAS.

El examen escrito se califica sobre un total de **100 puntos**. La parte de opción múltiple vale **50 puntos** y la parte de redacción vale **50 puntos**. Para aprobar el examen se ha de conseguir un mínimo de **30 puntos** en la opción múltiple y obtener un mínimo de **25 puntos** en las redacciones. Hay que aprobar ambas partes. Las respuestas incorrectas **NO** restan puntos.

No use lápiz. Use bolígrafo azul o negro. Se ruega letra legible.

POR FAVOR, RELLENE EL FORMULARIO ANTES DE COMENZAR:

NOMBRE Y APELLIDOS: _	MOROTE	MENDOTA,	JEJUS MARIA
DNI: 01498286-C	N	ÚMERO DE TELÉF	
	LLEJ BALE	DRC-PACMA	DE MALLORIA

PART 1: READING (two exercises)

While studying for his Ph.D. at the Massachusetts Institute of Technology, Akhil Madhani first saw robots in action and was impressed by their huge potential. That made him consider the possibility of replacing people with robots in difficult and dangerous situations. He was particularly fascinated to see how robots were used to deal with suspicious objects. From a safe distance, a policeman or soldier could command a robot to dismantle an explosive device. The job could be done without endangering lives or causing injuries.

Had his father not been a surgeon, the idea of using robot technology in the operating theatre might never have occurred to Akhil. He watched his father as he performed MIS, or minimally invasive surgery, which allows doctors to minimise the impact of their work inside the patient's body by using advanced technology. Since the late 1980s, surgeons have been using MIS to do certain kinds of operations, making tiny incisions rather than large openings and inserting miniature television cameras in order to view the interior of the area needing surgery. However, they have been using non-computerised instruments that are controlled manually.

Akhil Madhani came up with the idea of using computerized, remote-controlled robots instead. He showed us the **two-inch-thick notebook** full of sketches he had compiled before he perfected a model that could work. Though the Black Falcon, as he calls it, started with a momentary flash of inspiration, he spent a long, long time developing it before it became a feasible reality.

The Black Falcon consists of a long thin arm, with a metal wrist and two tiny fingerlike tongs at the end. The surgeon, who sits at a console and watches a monitor that magnifies images of the patient's organs, operates the tiny hand using a joystick. The tiny robot's fingers are more versatile than the human variety, so they can perform extremely complex and delicate surgical procedures.

Akhil explained why the robot could be considered preferable to a surgeon's fingers. Because it's so small, the Falcon can actually go inside the patient, precisely accessing the part of the body to be operated on. The incision itself is tiny, which minimises the shock to the body, the length of time the operation takes, and the time the body will take to heal. The robot will make all kinds of surgery easier, but its most important application will be in heart operations, where it can go in between the ribs, avoiding having to split the rib cage down the middle.

The robot has another advantage. As a child, Akhil had noticed how tired his father was after operating for hours. Giving commands to a robot requires far less effort than actually carrying out a procedure. It is less exhausting for the surgeon and so eliminates much of the risk of human error – mistakes can easily be made when you are tired.



NOMBRE Y APELLIDOS: JESUS MARÍA MUROTE MENDOJA

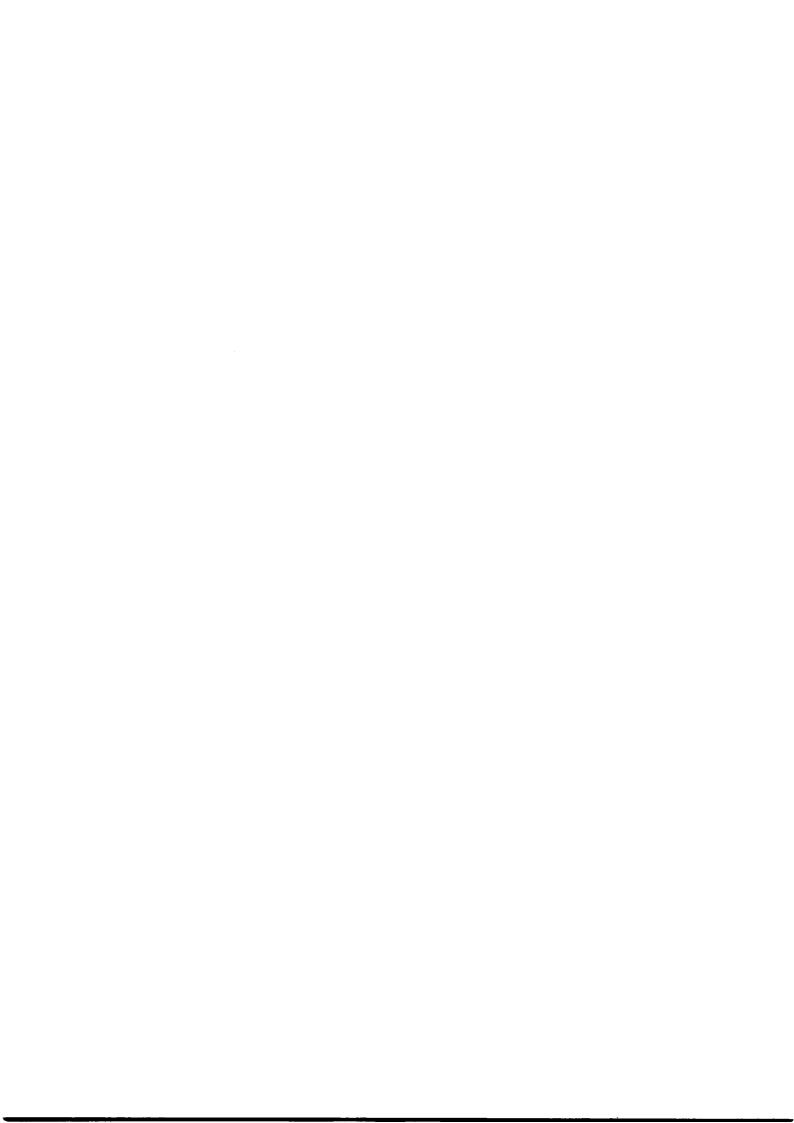
The scientific world has already recognised its enormous potential and Akhil has been awarded prestigious prizes for his invention. "It bothers me that people think inventors are like **magicians** who pull rabbits out of a hat. Scientific inventions only take shape after hard work and a great deal of trial and error."

When inspiration strikes again, he may invent something entirely different. "I spend a lot of my free time just sitting around thinking what would be the next really cool thing," he says. What that will be is anyone's guess.

FCE Practice Tests Photocopiable @ B Burlington Books

Choose the best option according to the text:

- 1. Security forces operate robots to...
 - a) take apart bombs.
 - b) replace people.
 - c) prevent loss of life.
 - d) avoid dangerous devices.
- 2. The author uses the phrase "two-inch-thick notebook" (line 15) to show...
 - a) that Akhil had done a lot of work on his invention.
 - b) that Akhil's sketches were fascinating to look at.
 - c) how Akhil worked mainly using sketches.
 - d) how Akhil first thought of his idea.
- 3. The Black Falcon is different from previous surgical techniques because it...
 - a) requires only a small incision.
 - b) is controlled by a computer.
 - c) uses images of the patient's organs.
 - d) does not require an operating theatre.
- 4. During the operation, using the fine technique of the robot would...
 - a) only be possible in small operations.
 - b) slow down the operating time.
 - c) speed up the patient's recovery.
 - d) prevent mistakes being made.
- 5. The author uses the phrase "pull rabbits out of a hat" (last paragraph) as an example of...
 - a) the amazing abilities of inventors.
 - b) achievements that ore only tricks and not real.
 - c) things that look quick and easy to do.
 - d) the hard work that it takes to learn magic tricks.
- 6 Which of the following contributed most to Akhil's invention?
 - a) the support he got from his father and the scientists
 - b) his medical and military experiences
 - c) a practical attitude to his health problems
 - d) his creativity and technical ability



NOMBRE Y APELLIDOS: _	JEJUS MI	tRÍA MORO	TE ME	NDUZA	
Text 2: High heels cause arti					
Read the text below and choose the correct word to fill in the gaps from the ones provided below:					
Shoes with high heels are the study proves that wearing hig The study is from Stanford U the knees of women whith 8.9-cm heels. The result permanent damage to their knakes them function like age osteoarthritis, which could (9)	gh heels over a loon inversity in the US on they walked in they send a warning knees. They said hed or damaged joi	ng period of time can SA. A team of biomoti n flat shoes, shoes wi to women who want nigh heels put knees i	on researche th 3.8-cm he to wear high n an awkwar	ers did tests (8) els and in shoes heels that they risk rd, bent position that	
Britain's Daily Express newspaper reports a recent survey of 1,200 women that shows how popular high heels (10) It said 93 per cent of women say they felt sexier and more feminine when they wore heels, 88 per cent said they considered them more stylish and 77 per cent said their heels made them feel slimmer. Many women prefer to ignore health warnings, and even the pain and discomfort of wearing heels, to look and (11) good. A British doctor, Tim Allardyce, said he regularly treats women with problems caused (12) wearing heels. He said: "The odd angle at which the feet are held in high-heeled shoes increases the downward pressure on the knees by 25 per cent, placing significant stress on the kneecaps."					
	Adapted	from Dailymail.co.uk			
7. (a) chose 8. (a) on 9. (a) compel 10. (a) have 11. (a) feel 12. (a) of	(b) choose (b) in (b) order (b) like (b) feeling (b) by	(c) choice (c) by (c) demand (c) are (c) felt (c) for	(d) (d) (d) (d)	choosing at require prefer feels at	
PART 2: USE OF ENGLISH	. Choose the rig	ht option.			
13. The residents tried to ask the mayor questions while he his speech. a. is still giving b. gave still c. still had given d. was still giving					
14. Jean for about 15 minutes before she realized she was lost. a. was driving b. is driving c. has been driving d.had been driving					
15. If Jane an interest in a. expressed b had e	n working on this pexpressed	oroject, I would have a c. would expr		d. will express	
16. The client wants the report tomorrow, but it by then. a. won't be finishing b won't be finished c. won't have been finishing d. won't finish					
17. The inventor warned us the model he had built. a. don't touch b. that we don't touch c. not to touch d. not touching					
18. Jane apologized for a. use b. to use		nout my permission d. that he used			



NOMBRE Y APEL	LIDOS: JEJU	S MARÍA	MOROTE	MENDOTA
19. A recycling pro a. that	gram, turned	out to be a big su	ıccess, was organi: d. whose	zed by the community.
20. There was a til	me people did	n't realize how m	any environmental	problems the world would
face. a.)when	b. where		c. which	d. that
21. When I discove a. decided to stop	ered that I was ser eating b had to	nsitive to dairy pro stop to eat c. co	oducts, I foods ouldn't stop eating	that contain cow's milk. d. decided stopping to ea
22. Is your son into a. to learn and pla	erested in bas y b. learning	sketball? g playing	c. to learn to play	dlearning to play
23. My daughter . a. is having cut he	tomorrow at the hair b is having	ne hairdresser's. y her hair cut c.	will her hair have o	cut d. will have cut her hai
24. "I've reserved "Great! I'll let Morr a. to know	a table at the restan, Dad and the other b. will know	ers when to	clock." meet us there." d.know	
25. We are determated a leven if		concert the ti so that	ckets cost more that c. in case	an we can afford. d. whether
PART 3: WRITING	G. (two exercises)		

A: Write an e-mail to your friend about a new gadget you have just bought. Include the description, and explain how you feel about it. 120 to 150 words.

B: Choose ONE of the following topics and write a well-structured essay of about 120 to 150 words. You must use grammatically correct sentences with accurate spelling.

OPTION 1: The mass media, including TV, radio and newspapers, have great influence in shaping people's ideas. To what extent do you agree or disagree with this statement?

<u>OPTION 2:</u> Damage to the environment is an inevitable consequence of worldwide improvements in the standard of living. Discuss.

No olvide entregar la hoja de lectura óptica y las redacciones. Recuerde introducir sus datos en la hoja de redacciones Puede quedarse con este examen No escriba en esta hoja

