# الامتحان الوطني الموحد للبكالوريا

الدورة العادية 2018

-الموضوع-

NS 12

المملكة المغربية
وزارة التربية الوطنية والتكوين المهني والتعليم العالي والبحث العلمي

المركز الوطني للتقويم والامتحانات والتوجيه

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|---|---|---|---|
| 2 | مدة الإنجاز | اللغة الإنجليزية | المادة |
| 2 | المعامل | كل مسالك الشعب العلمية والتقنية والأصيلة | الشعبة أو المسلك |

## FLYING CARS : A DREAM COME TRUE

[1] AeroMobil 3.0 is a combination of a plane and a car designed to drive on the road and fly through the air. It can transform in seconds from a car to a plane. **This invention** of the Slovakian company AeroMobil started to be on sale in 2017.

[2] The concept of a flying car is not new. The idea was popularized in the 1960s through animated cartoons. This concept was originally brought to life in 1989 by Slovak designer Stefan Klein. After years of testing different models, Klein's twenty-year dream came true when he set a partnership with entrepreneur, Juraj Vaculik. They co-founded the company AeroMobil in 2010.

[3] Developing the flying car has not been without difficulties. AeroMobil company faced problems in 2015 when one of its prototypes crashed during a test in Nitra, west Slovakia, sending the pilot to hospital with minor injuries.

[4] The year 2016 was a great success for AeroMobil. **It** marked the introduction of the latest prototype AeroMobil 3.0 at an international forum in Brussels. The vehicle uses a diesel engine and has wings that fold, which allows it to be parked like a car, though it is nearly 6 meters long. It seats two people: the pilot and a passenger. The company said the car's top speed on the road is 160 km/h and 200 km/h while flying. It can fly for 700 kilometers before running out of fuel. Drivers who can buy this luxurious flying car, priced between 1.2 and 1.6 million dollars, will need a pilot's license to fly it.

[5] AeroMobil aims to make personal transportation more efficient and environmentally friendly. It helps to overcome traffic jams in large areas and allows faster travel for medium distances or in areas with limited road infrastructure.

[6] Stefan Klein is very positive about the project. "I'm very happy with what we have been able to achieve in such a short time with a team of only 12 engineers. AeroMobil 3.0 is not the end of this challenging project; it's the beginning of a whole new adventure which may change the way we look at the personal transport in the future," he said.

*Adapted from www.cnn.com/autos/aeromobil-flying-car*

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| خاص بكتابة الامتحان | الامتحان الوطني الموحد للبكالوريا<br>الدورة العادية 2018<br>- الموضوع - | المملكة المغربية<br>وزارة التربية الوطنية والتكوين المهني والتعليم العالي والبحث العلمي<br>المركز الوطني للتقويم والامتحانات والتوجيه |
|---|---|---|
| رقم الامتحان..... | NS 12 | |

الاسم الشخصي و العائلي .....

تاريخ و مكان الازدياد .....

| المادة<br>الشعبة و المسلك | اللغة الإنجليزية<br>كل مسالك الشعب العلمية والتقنية والأصيلة | مدة الإنجاز | 2 | المعامل | 2 |
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| المادة<br>الشعبة و المسلك | اللغة الإنجليزية<br>كل مسالك الشعب العلمية والتقنية والأصيلة | النقطة النهائية على 20: بالأرقام..... والحروف .....<br>(على المصحح التأكد من أن النقطة النهائية هي على 20) | خاص بكتابة الامتحان |
|---|---|---|---|
| NS 12 | ورقة الإجابة | اسم المصحح و توقيعه: ..... | الصفحة: 2 على 5 |

**I. COMPREHENSION (15 POINTS)**

***BASE ALL YOUR ANSWERS ON THE TEXT.***

**A. ARE THESE STATEMENTS TRUE OR FALSE? JUSTIFY. (3 pts)**

1. AeroMobil 3.0 can quickly change to a plane.

   . . . . . .

2. Both Juraj Vaculik and Stefan Klein set up the AeroMobil company.

   . . . . . .

3. During the test of AeroMobil 3.0 in 2015, the pilot was hurt in an accident.

   . . . . . .

**B. COMPLETE THE FOLLOWING CHART WITH INFORMATION FROM THE TEXT. (2 pts)**

| Technical Name of vehicle | Price | Top speed as a car | Top speed as a plane | Maximum nonstop flight distance |
|---|---|---|---|---|
| AeroMobil 3.0 | . . . . . | . . . . . | . . . . . | . . . . . |

**C. ANSWER THESE QUESTIONS. (3 pts)**

1. Where was the latest AeroMobil 3.0 prototype introduced?

   . . . . . .

2. What do drivers need to fly AeroMobil 3.0?

   . . . . . .

3. How does Stefan Klein feel about the future of AeroMobil project?

   . . . . . .

**D. COMPLETE THE FOLLOWING SENTENCES. (2 pts)**

1. Twelve engineers participated in . . . . . .
2. It is easy for AeroMobil 3.0 to be parked because . . . . . .

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في هذا الإطار



**E. WHAT DO THE UNDERLINED WORDS IN THE TEXT REFER TO? (2 pts)**

1. **This invention** (paragraph 1): . . . . . .
2. **It** (paragraph 4): . . . . . .

**F. FIND IN THE TEXT WORDS OR PHRASES THAT MEAN ALMOST THE SAME AS (3 pts)**

1. mixture (paragraph 1): . . . . . .
2. born (paragraph 2): . . . . . .
3. accomplish (paragraph 6): . . . . . .

**II. LANGUAGE (15 POINTS)**

**A. FILL IN THE GAPS WITH THE APPROPRIATE WORDS. (2 pts)**

**total - foreign - visual - moral - corporal**

1. My grandmother used to tell us stories that teach . . . . . lessons.
2. The government encourages . . . . . investments to create job opportunities.

**B. PUT THE VERBS IN BRACKETS IN THE CORRECT TENSE. (2 pts)**

1. By this time next year, Morocco (launch) . . . . . its second surveillance satellite.
2. "(you/visit). . . . . the Louvre Museum when you were in Paris last summer?"

**C. REWRITE THE SENTENCES BEGINNING WITH THE WORDS GIVEN. (3 pts)**

1. Students will complete the first module in three weeks' time.

   The first module . . . . . .
2. "Don't worry about the medical tests."

   The nurse told the patient . . . . . .
3. Samuel came late to the party; he took the wrong road.

   If Samuel hadn't taken the wrong road, he . . . . . .

**D. FILL IN THE BLANKS WITH THE RIGHT WORDS FROM THE LISTS. (2 pts)**

1. Do you know the boy …….. won the reading contest in your school?

   **a. who** **b. whose** **c. which**

2. "I often forget …….. I put my keys," Sam told his neighbour.

   **a. how** **b. when** **c. where**

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**E. GIVE THE CORRECT FORM OF THE WORDS IN BRACKETS. (2 pts)**

The manager agreed to employ Emmy (immediate) . . . . . after the interview.

He later gave her the employment contract for (sign) . . . . . .

**F. MATCH EACH STATEMENT WITH THE APPROPRIATE FUNCTION. (4 pts)**

| Expressions | Functions |
|---|---|
| 1. "Can I go on an excursion with my friends, dad?" Rosa asked.<br>2. "If only I could go to Russia to support the Moroccan football team!"<br>3. "You ought to think twice before changing your job."<br>4. "I'm sorry I stepped on your school bag." | a. expressing a wish<br>b. asking for permission<br>c. apologizing<br>d. expressing opinion<br>e. giving advice |

1. . . . . 2. . . . . 3. . . . . 4. . . . . .

**III. WRITING (10 POINTS)** ***DO TASKS 1 AND 2***

**TASK 1 (4 pts) Complete the following paragraph.**

For my next birthday, I would like to have . . . . . .as a gift for the following reasons.

First, . . . . . .

. . . . . .

. . . . . .

. . . . . .

. . . . . .

. . . . . .

. . . . . .

. . . . . .

. . . . . .

. . . . . .

. . . . . .

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# في هذا الإطار



**TASK TWO (6 pts) Write a reply to the following email.**

*... You know, people do different things when they feel bored. Well, for me, I usually watch a movie or go for a walk. What about you?*

*Jane,*

« Plain Text  Check Spelling

Send  Save Now  Discard

**DO NOT WRITE YOUR NAME OR SIGN THE EMAIL**

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وزارة التربية الوطنية والتكوين المهني والتعليم العالي والبحث العلمي

المركز الوطني للتقويم والامتحانات والتوجيه

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## KEY AND MARKING SCALE

***PLEASE ACCEPT ANY APPROPRIATE ANSWER NOT MENTIONED IN THIS KEY.***

**I. COMPREHENSION ( 15 POINTS)**

***Testees should not be penalised for spelling or grammar mistakes in the comprehension section.***

**A. TRUE / FALSE: (3 pts) (1pt each: 0.5 pt for the correct choice and 0.5 pt for a justification. Consider the justification ONLY if the choice is correct. Quotes from the text are acceptable)**

**1. T**: It can transform in seconds from an automobile to a plane.

**2. T**: They co-founded the company AeroMobil.

**3. T**: . . . sent to hospital with minor injuries.

**B. CHART COMPLETION: (2 pts; 0,5 pt each)**

| Technical Name of vehicle | Price | Top speed as a car | Top speed as a plane | maximum nonstop flight distance |
|---|---|---|---|---|
| AeroMobil 3.0 | **between 1.2 and 1.6 million dollars** | **160 km/h** | **200 km/h** | **700 kilometers** |

**C. ANSWERING QUESTIONS: (3 pts; 1 pt each)**

**1**. … at an international forum in Brussels.

**2**. … a pilot's license.

**3**. … positive/optimistic/happy...

**D. SENTENCE COMPLETION: (2 pts; 1 pt each )**

1. ... the project/Aeromobil 3.0 **2**. . . its/the folding wings/it has wings that fold.

**E. WORD REFERENCE : (2 pts; 1 pt each)**

**1.** AeroMobil 3.0 **2.** (The year) 2016

**F. WORD MEANING : (3 pts; 1 pt each)** 1. combination **2.** brought to life. **3.** achieve

**II. LANGUAGE (15 POINTS)**

**A. GAP FILLING: (2 pts; 1 pt each)** **1.** moral **2.** foreign

**B. TENSES: (2 pts; 1 pt each)** **1**. will have launched **2**. Did you visit…

**C. REWRITING SENTENCES: (3 pts; 1 pt each)**

**1.** The first module will be completed in three weeks' time ( by students) .

**2.** The nurse told the patient not to worry/that he(she) shouldn't worry/. . . . . .

**3.** …wouldn't have come late…

**D. GAP FILLING: (2 pts; 1 pt each)** **1.** who **2.** where

**E. WORD FORMATION: (2 pts; 1 pt each )** immediately - signature

**F. MATCHING: (4 pts; 1 pt each)** **1**. (b) **2**.( a ) **3**.( e) **4**.( c )

**III. WRITING (10 POINTS)**

**The following criteria should be respected while scoring the writing tasks.**

| Scoring criteria | Task 1 | Task 2 |
|---|---|---|
| Relevance of content to the task | 2 pts | 3 pts |
| Appropriateness and variety of vocabulary | 1 pt | 2 pts |
| Grammar and mechanics | 1 pt | 1 pt |

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