



Concours toutes Options
Epreuve d'Anglais

Date : 26 Juin 2021 Heure : 11H Durée : 2 H Nb pages : 08

Barème : Part I : 30 Part II : 30 Part III : 20

IMPORTANT :

- 1- L'épreuve d'anglais comporte deux séries de feuilles :
 - Les énoncés s'étalant sur 4 pages que les candidats sont appelés à garder
 - Les feuilles réservées aux réponses (Answer sheet) s'étalant sur 4 pages, lesquelles
Doivent être rendues à la fin de l'épreuve aux professeurs surveillants
- 2- Il sera tenu compte de la présentation, (l'écriture au crayon n'étant pas permise)

Reading passage:

Norway's electric car drive belies national reliance on fossil fuels

1- Norway became the first country to sell more electric cars than petrol, hybrid and diesel engines put together last year, new data shows, with battery electric vehicles (BEVs) accounting for two-thirds of sales in the final months of 2020. Norway has one of the world's most ambitious green targets, planning to phase out sales of all new fossil-fuel vehicles by 2025, five years earlier than the UK. It is quite a contradiction in a country that has become one of the richest in the world on the back of its oil and gas revenues, has made itself dependent on oil, and clings to further production even as the world increasingly rejects fossil fuels in pursuit of zero emissions.

2- While on the one hand the government is auctioning oil exploration licences for fields in the fragile Arctic, on the other it is aiming for a carbon-neutral national vehicle park by 2030. On Friday, it submitted its national plan on climate, which included this ambitious aim and the promise that, from next year, the public sector would be required to procure zero-emission vehicles only. While Norway is still one of the world's big oil producers, it gets more than 90% of its power from hydroelectric sources. This goes some way to explain why the introduction of electric vehicles has been such a winner: as long as the rivers and waterfalls don't run dry, this is an infinite source of power that can also be applied to vehicles. Even up north, where distances between settlements are vast and the winter cold extreme, the electric car is gaining a stronghold.

3- Christina Bu, head of the Norwegian Electric Vehicle Association, said: "During the autumn of last year, we saw an increase of up to 40% of the market share in the northernmost districts of Norway, Troms and Finnmark." Behind the success lay a long-term political strategy, she said. "One might assume this is all about subsidies. It is not. It's all about taxing what we don't want and promoting what we do want." Norway has some of the highest taxes in the world on what it regards as luxury goods, which includes cars. So reduced taxes on vehicles, with numerous incentives and exemptions, is bound to entice car buyers.

4- The ambitious political strategy goes back to the late 1990s, when it was introduced to stimulate production of Norwegian electric cars and to reduce emissions. It hasn't entirely worked out that way. Norwegian-produced BEVs are still noticeable by their absence, to the delight of foreign car producers. But the number of electric cars sold has soared, from 3% of total sales in 2012, to 54% in 2020. There are 2.8m vehicles on Norway's roads and more than 260,000 are fully electric, nearly 9%

of the total car stock. Next year nearly 40 new BEV models will go on the market in Norway, more than the number of fossil-fuel and hybrid models.

5- "Norway has certainly paved the way for the industry," said Per Espen Stoknes, who is an MP for the Green party, a TED global speaker and an assistant professor at BI Norwegian business school as well as a psychologist, whose latest book is on the psychology of climate action. Stoknes described the process of expanding the national BEV park as "a green tax shift", which he thought any country could afford if they focused on the right things. As a psychologist, he also emphasized the power of social pressure, in particular in densely populated cities. "We have been able to prove statistically that there is a **keeping-up-with-the-Joneses effect**. That is to say, if someone in a street buys a BEV, the neighbours are more likely to follow suit. It can turn a greener-than-thou competition in which envy, as always, is a powerful driving force."

6- As in the UK, the challenge is the installation of charging points around the country. There are now 3,200 rapid charge points, run by about 10 companies, which are working to develop ever faster chargers. There are still problems, particularly on the busiest travel days, with BEV drivers facing long queues and chargers that are out of commission. Bu said: "We have to constantly encourage the development of further and more reliable chargers."

7- The more electric cars are sold, **the harder it is for critics to be heard**. However, although BEVs are environmentally friendly in a local context, globally they still leave big climate footprint. The manufacture of BEV batteries requires expensive and rare metals, while the secure disposal of used and broken batteries is a problem. **Both concerns are conveniently palmed off on poor, vulnerable countries** – such as the Democratic Republic of Congo, which produces 60% of the world's Cobalt – that lack the legislation to deal with them.

The Guardian Elisabeth Ulven and Tone Sutterud (Sat 9 Jan 2021)

PART ONE Reading comprehension questions (30 marks)

I- Choose the sentence that best sums up the article: (1mark)

- 1- Milestone comes as sales of hybrid vehicles rise to record market share in Norway.
- 2- The Norwegian vehicle industry facing a steep uphill journey.
- 3- Battery electric vehicles close to a tipping point of mass adoption in Norway.

II- Fill in the table about Norway's vehicles market: (5marks)

Date	Market situation
1997/1998/1999	
2012	
2020	
2022	
	Gradually eliminate sales of all petroleum-powered vehicles

III- The following statements are true. Provide the right justification from the article: (3marks)

- 1- In the UK the sale of new cars that run solely on petrol or diesel will be banned in 2030.
- 2- Norway is perfectly endowed with hydropower.
- 3- Foreign BEV producers prevail in Norway.

IV- Complete the following statements with information from the article: (4marks)

1- Per Espen Stoknes, a parliament member representing the ...(a)..., explained the ...(b)... of the electric car market in Norway based on his competence specifically as a ...(c)... . Indeed, he not only approved of this strategy but also drew the attention to the importance of ...(d)... in shifting the attitudes of car buyers in favour of BEVs.

2- Hurdles related to the amount of electricity required by the new vehicles stay ahead in front of firms as well as drivers. In fact, the former feel the need to ...(a)... and ...(b)... , while the latter find themselves obliged to cope with ...(c)... and ...(d)...

V- Answer the following questions: (6marks)

- 1- Why is Norway's green target blamed with contradiction?
- 2- How has the Norwegian government promoted the sales of the new vehicles?

VI- Choose the best alternative: (3marks)

1- keeping-up-with-the-Joneses effect (§5- line 7) means:

- a- Making an effort to match your acquaintances' social and financial status.
- b- Buying your acquaintances' suits.
- c- Following the regulations applied by your acquaintances.

2- The more ..., the harder it is for critics to be heard (§7- line 1) means:

- a- In a successful situation, people seldom pay attention to negative judgements.
- b- In a successful situation, people sometimes pay attention to negative judgements.
- c- In a successful situation, people always pay attention to negative judgements.

3- Both concerns are conveniently palmed off on poor, vulnerable countries (§7- line 4) means:

- a- Both concerns are resolved owing to the close collaboration between rich and poor countries.
- b- Both concerns are resolved despite the poor countries' absence of consent.
- c- Both concerns are not resolved because of the poor countries' limited means.

VII- Find words in the text that have approximately the same meaning as: (4marks)

- | | |
|--------------------------------------------------|------------------------|
| 1- presented for approval and consideration (§2) | 2- financial aids (§3) |
| 3- encouragements (§3) | 4- rose rapidly (§4) |

VIII- What do the underlined words in the text refer to: (4marks)

- | | |
|----------------------------|------------------|
| 1- this ambitious aim (§2) | 2- that way (§4) |
| 3- the industry (§5) | 4- them (§7) |

PART TWO Language (30 marks)

I- Put the bracketed words in the right tense or form: (10 marks)

Ever Given, a large container ship, nearly a quarter-mile-long, [1] (**stick**) in Suez Canal since Tuesday evening, after powerful winds [2] (**force**) the ship aground on one of the canal's banks. The canal is one of the world's [3] (**vital**) shipping lanes. The ship, [4] (**stretch**) more than 1,300 feet, [5] (**run**) aground and blocked the canal, leaving more than 100 ships [6] (**catch**) at each end of the canal. Some news outlets compared it to the [7] (**long**) of four soccer fields as it produced a large traffic jam in such an important maritime artery. By Wednesday morning, more than 100 ships [8] (**block**) at each end of the 120-mile canal, which [9] (**connect**) the Red Sea to the Mediterranean and [10] (**carry**) roughly 10 percent of worldwide shipping traffic.

II- Complete with the appropriate word: (The first two letters the word begins with and a synonym of the word are provided to help you) (10 marks)

Spanish authorities announced Monday that they had dismantled a criminal network that smuggled some 2.5 tonnes of [1] **ru...** (= **waste**), including discarded and [2] **ha...** (= **dangerous**) electronic equipment, from Spain's Canary Islands to [3] **va...** (= **different**) countries in Africa. Spain's Civil Guard [4] **ar...** (= **captured**) 34 people, including a 62-year-old Italian woman who [5] **ow...** (= **possessed**) a trading business and allegedly forged custom clearance documents for the arrival and departure of the cargo from the port of Santa Cruz, in Tenerife. The European police coordination body, Europol, and Italy's Carabinieri also supported the two-year [6] **in...** (= **inquiry**) into the environmental crime, a Civil Guard statement said. The suspects loaded maritime containers with second-hand [7] **it...** (= **objects**) such as vehicle parts and household goods. A third of the contents was e-waste. They were sent [8] **ma...** (= **principally**) to Nigeria, but also other African countries, where they were to be sold on to buyers there. Electronic devices can contain cadmium, mercury, lead, arsenic, oils, gases and other substances that can [9] **ha...** (= **damage**) the environment or human health when they are not [10] **pr...** (= **correctly**) handled.

III- Express differently starting as given on the answer sheet (keep the same meaning): (10marks)

- 1- The candidate put forward amazing arguments to convince us.
- 2- The Fields Medals is an institution that awards prizes.
- 3- Companies did not provide more flexibility. So women managers opted out.
- 4- The government forbade all people to water their gardens because the country was short of water.
- 5- 'Do you know where I usually put the keys?', she asked.
- 6- The loud speakers won't work if you don't connect these cables.
- 7- As soon as the winner arrived, the journalists began shouting.
- 8- Some stores will have to be closed down. Their performance is deteriorating
- 9- I wish I had gone to the book fair.
- 10- There is a probability he sold his car.

Part THREE WRITING (20 marks)

I- Re-arrange to obtain a coherent paragraph: (2.5marks)

- a- was received on 18 February 2021.
- b- Perseverance is a car-sized Mars rover designed
- c- It was manufactured by the Jet Propulsion Laboratory and launched on 30 July 2020.
- d- to explore the crater Jezero on Mars as part of NASA's Mars 2020 mission.
- e- Confirmation that the rover successfully landed on Mars

II- Find the FIVE mistakes in the following sentence and correct them on the answer sheet: (2.5marks)

Pupil in developing countries, and many income-middle countries, often rely in plastic bottles of water us their piped water supply can be contaminating or unsafe.

III- Essay (15marks) (DO NOT EXCEED 15 LINES)

Billions of dollars go into space exploration projects every year. Some people feel that this money should be used to solve problems on Earth. To what extent do you agree with this opinion? Use solid arguments to support your opinion.

Session Juin 2021.. Concours : ... Toutes options

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Concours Nationaux d'entrée aux cycles de Formation d'Ingénieurs

Session : ... Juin ... 2021..... Concours : Toutes options.....

Epreuve de : ANGLAIS (ANSWER SHEET)

Part ONE Reading Comprehension (30 marks)

I- Choose the sentence that best sums up the article: (1mark)

II- Fill in the table about Norway's vehicles market: (5marks)

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2012
2020
2022
.....	Gradually eliminate sales of all petroleum-powered vehicles

III- The statements are true. Provide the right justification from the article: (3marks)

1-

2-

3-

IV- Complete the statements with information from the article: (4marks)

1- Per Espen Stoknes, a parliament member representing the (a)....., explained the (b) of the electric car market in Norway based on his competence specifically as a (c) Indeed, he not only approved of this strategy but also drew the attention to the importance of (d) in shifting the attitudes of car buyers in favour of BEVs.

2- Hurdles related to the amount of electricity required by the new vehicles stay ahead in front of firms as well as drivers. In fact, the former feel the need to (a) and (b) , while the latter find themselves obliged to cope with (c) and (d)

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V- Answer the following questions: (6marks)

1- Why is Norway's green target blamed with contradiction?

a-

b-

c-

2- How has the Norwegian government promoted the sales of the new vehicles?

a-

b-

c-

VI- Choose the best alternative: (3marks)

1- keeping-up-with-the-Joneses effect (§5- line 7) means:

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2- The more ..., the harder it is for critics to be heard (§7- line 1) means:

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3- Both concerns are conveniently palmed off on poor, vulnerable countries (§7- line 4) means:

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VII- Find words in the text that have approximately the same meaning as: (4marks)

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VIII- What do the underlined words in the text refer to: (4marks)

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4- them (§7):

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PART TWO LANGUAGE (30marks)

I- Put the bracketed words in the right tense or form (10marks)

1		6	
2		7	
3		8	
4		9	
5		10	

II- Complete with the appropriate words: (10marks)

1	ru	6	in
2	ha	7	it
3	va	8	ma
4	ar	9	ha
5	ow	10	pr

III- Express differently starting as given (keep the same meaning): (10marks)

- 1- Amazing arguments
- 2- The Fields Medals is a institution.
- 3- If
- 4- Due to the country's.....
- 5- She asked me
- 6- Unless
- 7- No sooner..... , than the journalists began shouting.
- 8- The stores, , will have to be closed down.
- 9- I regretted not
- 10- He might.....

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WRITING (20 marks)

1→..... 2→ 3→ 4→..... 5→

Mistake	Correction
1-	
2-	
3-	
4-	
5-	

This image shows a full page of a handwriting practice worksheet. It features multiple rows of horizontal dotted lines spaced evenly down the page, providing a guide for letter height and placement. The background is plain white, and there are no other markings or text present.