



Kanton Zürich
Bildungsdirektion



Aufnahmeprüfung 2017 für die Berufsmaturitätsschulen des Kantons Zürich

Englisch

Serie: A₂

Dauer: 30 Minuten

Hilfsmittel: keine

Name: _____

Vorname: _____

Adresse: _____

Nummer: _____

Maximal erreichbare Punktzahl:	50	Punkte	Ergebnis	
- Textverständnis	15	Punkte	Punkte
- Textproduktion	15	Punkte	Punkte
- Sprachbetrachtung	20	Punkte	Punkte

Erreichte Punktzahl Punkte

Prüfungsnote (auf halbe Noten gerundet)

Die Expertin / der Experte:

.....

TASK 1 READING

Solar plane makes history after completing round-the-world trip

Solar Impulse 2 has completed the first round-the-world flight by a solar-powered aeroplane, after landing in Abu Dhabi. The final part of the trip was bumpy as turbulences made the pilot, Bertrand Piccard, fight with the control instruments. The plane, with wings wider than a Boeing 747 and carrying more than 17,000 solar cells, began the trip in March 2015 in Abu Dhabi and crossed both the Pacific and Atlantic Oceans.

Shortly before landing, Piccard said he was feeling emotional: “It is a very special moment – I have been working 15 years for this experiment. I hope people understand that it is not just a first in the history of aviation, but also a first in the history of energy. All the clean technologies we use can be used everywhere. Now it is up to every person in a house, every politician, every boss of a company to take this idea further.”

On the journey, the solar panels charged the plane’s batteries by daylight. The pilot climbed to 9,000 meters during the day and glided down to 1,500 meters at night to save power. The plane flies at about 48km/h. Piccard took turns in the cockpit with André Borschberg, spending up to five days in the unheated cabin, sleeping only very little. Borschberg flew the longest distance, 4,000 miles from Japan to Hawaii, breaking the record for the longest uninterrupted journey in solar-aviation history.

But Piccard said his biggest challenge was getting his pilot’s licence: “When I started the project, I had no aeroplane licence, so I had to work for it over six years.” Piccard and Borschberg, both Swiss, are well-known adventurers. Piccard made the first non-stop balloon flight around the world in 1999, while Borschberg, a former Swiss Air Force fighter pilot, has had close contact with death involving an avalanche and a helicopter crash.

Piccard said his team had made the record-breaking flight possible: “I am alone in the plane but all the people who have worked on this project are extremely important. I will give each one a big hug, because they made my dream possible.” The goal of the adventure was not to develop solar-powered planes for commercial use, but to show the possibilities of renewable energy. Ban Ki-moon, the UN secretary-general, said: “Solar Impulse has flown more than 40,000 kilometers without fuel, but with a great amount of inspiration. This is a historic day for Captain Piccard and his team, but it is also a historic day for humanity.”

adapted from an article on <https://www.theguardian.com/environment> published on 16 July 2016

TASK 1a

- Read the text and then decide if the following statements are **True (T)** or **False (F)**.
- If there is not enough information to answer *True* or *False*, choose **Doesn't say (DS)**.

Example:

Text: Sarah is in her twenties. T **(F)** DS
 Statement: Sarah is 18 years old.

- | | | | |
|---|---|---|----|
| 1. The wings of a Boeing 747 are bigger than those of Solar Impulse 2. | T | F | DS |
| 2. Piccard was crying when he landed in Abu Dhabi. | T | F | DS |
| 3. According to Piccard there has never been an experiment like this before in the history of aviation. | T | F | DS |
| 4. During the day the plane was flying at a lower altitude than during the night. | T | F | DS |
| 5. The pilots used energy from the solar panels to heat the cockpit. | T | F | DS |
| 6. It was the first time a solar-plane had ever flown 4000 miles without a break. | T | F | DS |
| 7. Piccard was angry because he didn't have a pilot's licence. | T | F | DS |
| 8. Borschberg still works for the Swiss Air Force as a fighter pilot. | T | F | DS |
| 9. Piccard is very thankful for his team's support. | T | F | DS |
| 10. The idea of the project was to show that solar energy can be used for commercial flights. | T | F | DS |

Points: ____/10

TASK 1b

- Read the text and match each synonym listed below with one of the 7 underlined words from the text.
- If the word you need is a verb write the **infinitive** of the verb, if it is a plural noun, write the **singular** of the noun.

Example:

The king was very popular.
 Synonym: widely liked Word in text: popular

- | <u>Synonym:</u> | <u>Word in text:</u> |
|----------------------------|----------------------|
| 1. a permit, a certificate | _____ |
| 2. to produce | to _____ |
| 3. sentimental | _____ |
| 4. rough | _____ |
| 5. a photovoltaic cell | _____ |

Points: ____/5

TASK 3

Complete the text with the correct form of the word(s) in brackets or with a suitable word/phrase if no word is given.

Example: *I haven't met any (some) of my friends yet.*

1. The goalkeeper of HC Davos has lost many of his _____ (tooth).
2. Yesterday, my friend had an accident while he _____ (drive) on the wrong side of the road.
3. How _____ time is left of the first half of this soccer game?
4. You live in Zürich, _____ you?
5. Thank you for your present! It's so _____ (beauty).
6. If the weather _____ (not improve), we won't have a barbecue in the garden.
7. Michael Jackson _____ (sing) a lot of songs in the 1980s.
8. I've had this dress _____ years.
9. Although the Swiss currency is very strong compared with the Euro, this doesn't have any influence on the _____ (employ) situation.
10. His English is very bad; it's _____ (bad) than mine.

Points: _____/10

TASK 4

Complete the second sentence so that it has a similar meaning to the first sentence. The words need not be the same.

Example:

0. *She is vegetarian*

She doesn't eat any meat.

1. I advise you to read the instructions carefully.
You _____ the instructions carefully.
2. It is difficult to understand some languages.
I cannot understand some languages very _____.
3. Who is the owner of this house?
_____ house is this?
4. When she was young she played the guitar.
She _____ play the guitar when she was young.
5. Usain Bolt won the 100m race in Rio.
The 100m race _____ Usain Bolt in Rio.
6. What is her usual time to have dinner?
When _____ have dinner?
7. We will only go to London if the strike is over.
_____ the strike is over we won't go to London.
8. The other schools have a lot more students.
Our school has _____ than the other schools.
9. Would you like to join our volleyball team?
Are you interested _____ our volleyball team?
10. This is my first visit to New York.
I _____ to New York before.

Points: _____/10