Cambridge International Examinations
Cambridge International General Certificate of Secondary Education

CANDIDATE NAME									
CENTRE NUMBER						CANDIDATE NUMBER				

ENGLISH AS A SECOND LANGUAGE **0510/21**

Paper 2 Reading and Writing (Extended) **October/November 2015**

2 hours

Candidates answer on the Question Paper.

No Additional Materials are required.

READ THESE INSTRUCTIONS FIRST

Write your Centre number, candidate number and name on all the work you hand in.
Write in dark blue or black pen.
Do not use staples, paper clips, glue or correction fluid.
DO **NOT** WRITE IN ANY BARCODES.

Answer **all** questions.
Dictionaries are **not** allowed.

At the end of the examination, fasten all your work securely together.
The number of marks is given in brackets [ ] at the end of each question or part question.

This document consists of **15** printed pages and **1** blank page.

© UCLES 2015

CAMBRIDGE International Examinations

Exercise 1

Read the following article about creative designers in South Africa, and then answer the questions on the opposite page.

CREATIVE RECYCLING



Nowadays, everybody needs to be aware of the importance of protecting the environment. There are many original ways of recycling the things that other people throw away. Creative designers in South Africa are making new and interesting objects from rubbish, and helping local communities at the same time.

Bottles to beads

Young children in the north of the country collect empty glass bottles from the local community and sell them to designers in the south who give them new life as necklaces or even handles for knives, forks and spoons. The bottles are first broken into small pieces of glass, then crushed into powder and heated to a high temperature in an oven. It is dangerous work and it takes a long time. The glass is then melted by the heat and shaped into beads, which are finally attached to wire or string to create the necklaces, or handles for knives, forks and spoons.

Skateboards to sunglasses

One designer in Durban, who used to build skateboard ramps, now recycles old skateboards and turns them into sunglasses of different colours. He says, “Throwing away old skateboards is a huge waste. Top quality boards are made from wood from maple trees, which take years to grow. It is such a pity that thousands of these boards are thrown away each year. The wood is very light and so is ideal as frames for sunglasses.”

Tyres to furniture

One day, a designer from Cape Town noticed piles of unwanted car tyres that had been left in a park. He thought about different ways that he could recycle them. During the next few months, he created a business by using the old tyres to make stools, chairs and tables. He says, “I design the furniture and it’s made by friends who need the work and have the imagination to try something new.” The workers can also cut the tyres to make smaller items, such as fruit bowls, vases, sandals and ornamental animal heads.

Buttons to rings

A designer in Johannesburg was looking through some old boxes when she found a treasure – thousands of beautifully made old buttons in many colour combinations. Most astonishing of all was that they were still attached to the original cards on which they were imported from Europe in the 1950s.

“I put one on my finger and it looked fantastic as a ring,” she says. Since then, she has sold large numbers of these button rings at craft markets in France. Her biggest orders, however, come from a large company in Japan.

Benefits for all

Many of these companies and enterprises do not only create new and original pieces from unwanted everyday items, they also create jobs for many local people. These people work together in co-operatives, and so they all share the profits.

© UCLES 2015

(a) How are designers in South Africa helping the environment?

View solution

.....[1]

(b) Where in South Africa do they create necklaces from bottles?

View solution

.....[1]

(c) What are the disadvantages of working with glass bottles? Give **two** details.

View solution

.....

.....[1]

(d) What is the last stage in the process of making necklaces?

View solution

.....[1]

(e) Why is maple wood suitable for making sunglasses?

View solution

.....[1]

(f) What gave the designer from Cape Town the idea for a new business?

View solution

.....[1]

(g) What was the most surprising thing about the buttons?

View solution

.....[1]

(h) Where does the Johannesburg designer export most of her work to?

View solution

.....[1]

(i) How do people benefit from working in a co-operative?

.....[1]

[Total: 9]

View solution

© UCLES 2015

Exercise 2

Read the following article about ways of keeping wildlife away from airports, and then answer the questions on the opposite page.

WILDLIFE AT AIRPORTS

The number of reported collisions between aircraft and wildlife is increasing throughout the world. Airport authorities and governments in many countries are worried, and are trying to reduce the risk to aircraft when they are landing or taking off.

Nowadays, statistics show that there is a steady rise in incidents involving aircraft and wildlife. This could be because aircraft are more powerful, but what is certain is that the problem has increased because more people are flying. To improve safety, a range of new measures is being tested at airports around the world.

Birds are the biggest threat. There have been incidents of birds smashing into the pilot's windscreen on take-off. Airport officials have introduced a variety of measures which are designed to deter birds and animals from living near the runways. For example, a number of airports are experimenting with planting grasses that birds do not like to eat. This is particularly effective for geese, but other birds can be discouraged by removing ponds and lakes from the area surrounding the airport, and cutting down trees that bear fruits or seeds. "If you don't have the attraction of food, then the birds won't come here," says one airport manager. In addition, certain airports have replaced the grass alongside the runways with stones or concrete. This means that small rodents have nowhere to live and so the large birds that feed on them are not attracted to the area.

Another method is to use the noise from loud guns to scare away birds. The problem with this approach is that a member of the airport staff has to go out and check the guns that create the noise. In addition, birds can very soon get used to the regularity of the sound. Controlling birds such as hawks is even more difficult because they hover in the sky and cause problems for aircraft in the air. There have been incidents where these birds have been sucked into aircraft's engines.

An alternative way of solving the problem of birds is to trap and relocate them to new homes. Traps are shaped like A-frame houses. The top of the roof is held open with a stick. The bird lands on the stick, which collapses and the bird falls inside. The roof shuts quickly, trapping the bird, which can then be transported to a safe area far away.

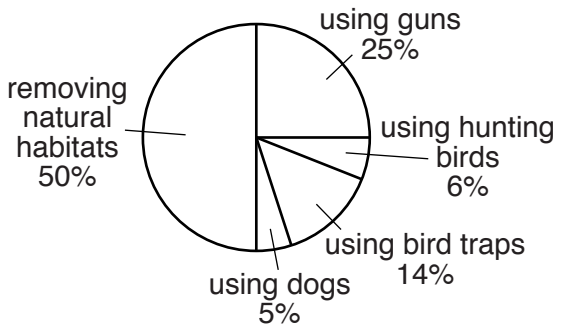
Then there is Meg. Meg is a border collie dog who patrols an airport in southwest Florida. Rainwater pools at the edges of the runways attract groups of water birds, which often delay the departure of aircraft. Meg works seven days a week, running into bushes that are too dense for vehicles, and crossing wetlands that are too difficult for people to walk through. Meg's job is not to catch the birds but to scare them away from the runways, and she is very effective because the birds cannot predict her movements.

A less common method is to use certain species of hunting birds to chase other birds in the air. Birds, such as falcons, are released just before flight departures and arrivals. The falcons scare the other birds, which make warning calls and then fly away.

Animals on the ground also pose problems. Deer, for example, have jumped over a fence three metres high and have run across the runway in front of aircraft. Foxes can dig tunnels under airport security barriers and cause damage to the electrical systems.

It seems that no one way is totally successful in preventing incidents with wildlife at airports. Airport authorities are continuing to work with experts to try and reduce the risk of these wildlife problems.

METHODS USED TO REDUCE WILDLIFE AT AIRPORTS



View solution

(a) Why are governments concerned about wildlife at airports?

.....[1]

(b) What has definitely caused more wildlife incidents at airports? View solution

.....[1]

(c) What is being done to stop geese from living at airports? View solution

.....[1]

(d) How do concrete areas at airports affect birds? View solution

.....[1]

(e) What disadvantages are there to using guns? Give **two** details. View solution

.....

.....[1]

(f) What happens to birds after they are trapped? View solution

.....[1]

(g) How is Meg more effective than humans on difficult ground? Give **two** details. View solution

.....

.....[2]

(h) Why is Meg particularly good at frightening birds? View solution

.....[1]

(i) How do birds react to the falcons? Give **two** details. View solution

.....

.....[1]

(j) According to the chart, which is the most common way to reduce wildlife at airports **and** which is the least common?

most common .....

least common .....[1]

(k) Give **four** examples of problems caused by specific types of wildlife at airports. View solution

.....

.....

.....

.....[4]

[Total: 15]

© UCLES 2015

Exercise 3

Elisabeth Gutberlett lives at 25 Alexanderweg, in Henndorf 5302, which is a small village near Salzburg in Austria. She is almost 18 years old and loves classical music. She has studied the piano since she was 6 years old, and has reached a good standard. She first learnt to play when her father, who is a professional musician, bought her a small keyboard for her sixth birthday. Unfortunately, she does not have time to practise very much at the moment, and only plays in her spare time for friends and family.

Salzburg is very famous for music, because it is the birthplace of the composer Wolfgang Amadeus Mozart. Every year in the summer there is a music festival in the city, which lasts for five weeks and attracts many of the great orchestras of the world. Elisabeth always goes to one concert a week during the festival. She and her father are members of the Mozart Appreciation Society in Salzburg, and receive two free tickets to a concert during the season. They usually choose to go to full orchestra performances because this is Elisabeth's favourite type of concert. This year, however, she will not be able to attend with her father because she will be in Italy with her school. She has decided to apply for tickets for another performance which will take place when she returns from Italy.

Elisabeth loves the music of Mozart, and there's a concert that sounds wonderful called 'Polkas and Marches'. However, she would like to hear a concert by different composers for a change. Her preferred day for attending is Wednesday, and an afternoon performance would be convenient for her. She has decided that a concert called 'Viennese Waltzes' would be an ideal choice, and has chosen the performance on 12 August at 14.00. This is the best date and time for herself and her mother, who will be going as well.

As a student, Elisabeth can obtain a 10 per cent reduction on the price of the ticket. Her mother is not eligible for a discount, however, and the price for the two tickets is 45 euros. Elisabeth normally picks the tickets up at the box-office at the concert hall. However, this time it will not be possible and so she has chosen to receive the tickets by email, at pianolover@html.at This will add 5 euros to the price of the tickets and so she will have to pay 50 euros in total. Elisabeth can be contacted by phone on 07643434112 if there are any problems with the tickets.

Elisabeth has a group of friends who would be interested in buying tickets for the festival next year, in 2016. If they buy in advance, they can take advantage of cheaper rates. They would like to be sent information about dates and prices, and Elisabeth has offered to receive all details by email.

Imagine you are Elisabeth. Fill in the application form on the opposite page, using the information above.



View solution

© UCLES 2015

SALZBURG MUSIC FESTIVAL

APPLICATION FOR CONCERT TICKETS

Section A: Personal details

Full name: .....

Address: .....

Age group: (please circle) 0–17 18–30 31–60 over 60

Contact details: email .....

phone .....

Section B: Ticket details

Concert title: .....

Date and time of performance: .....

Number of tickets required: .....

Preferred method for collecting tickets: .....

Total price: .....

Section C: Other information

Preferred type of performance: .....

Please give details of any music club/society memberships: .....

Are you eligible for free tickets? (please delete) YES / NO

Section D

In the space below, write **one** sentence of between 12 and 20 words giving details of any information you may require about the 2016 festival.

[Total: 8]

© UCLES 2015

Exercise 4

Read the following article about a race across Australia in cars powered only by solar energy, and then complete the notes on the opposite page.

FOUR DAYS WITHOUT FUEL

The World Solar Challenge Race is unlike any other car race you can imagine. The route passes right across the deserted Australian outback, and the cars themselves resemble something from a science-fiction film. They glide silently, powered only by solar energy, along the dusty highways.

This race does not last for just a few hours, it goes on for days. The cars start in Darwin, in the far north of Australia, and the fastest usually cross the finish line about four days and 3000 kilometres later in Adelaide, on the south coast.

One of the cars which took part recently, named *Stella*, publicised as the world's first 'family solar car', was created by students at a university in Holland. *Stella* has a square shape to maximise space inside and also has a place to store luggage in the back. The car is covered in reflective solar panels that absorb the rays of the sun and provide the power for the battery. It also runs on narrow tyres to reduce weight.

The World Solar Challenge Race was first organised by a Danish environmentalist who built the first solar-powered car in 1982. The aim of the race is to promote new ideas in solar technology and electric car design which could one day be used in more conventional vehicles. In fact, major car manufacturers are already using solar panels to power the lights in normal cars. One multi-national company has produced a car with a solar panel pack which works the air conditioning. They have also been able to develop an ignition system which operates by using solar power. In addition, an environmental company is able to provide solar panels for garage roofs so that drivers can recharge the latest range of electric cars at home.

"Driving on public roads for such a long distance in a normal car can be very dangerous. It is particularly dangerous in lightweight solar vehicles like these that can reach speeds of 160 kilometres per hour," said Chris Jones, the event director.

The entire route is open for ordinary traffic during the race and long, heavy trucks constantly block the road. The car drivers are only allowed to race during daylight hours each day, after which they have to pull off the road and set up camp for the night. If they drive in the dark, there is an increased risk of collisions with kangaroos. Along the route, drivers can get updates on their race position and do basic maintenance, but they are not allowed to do anything more than that.

In 2013, 38 cars started the challenge, but many did not complete it. One car was blown off the road by a gust of wind and some could not continue because their car's mechanical parts were covered in dust from the roads in the outback.

The winner was a Dutch team which completed the route in 36 hours at an average speed of 90 kph. At the end, the weather played a decisive role. With only 50 kilometres to the finish line, rain came down heavily and the Brazilian team, which was in second place at the time, had to stop and recharge their car's battery.

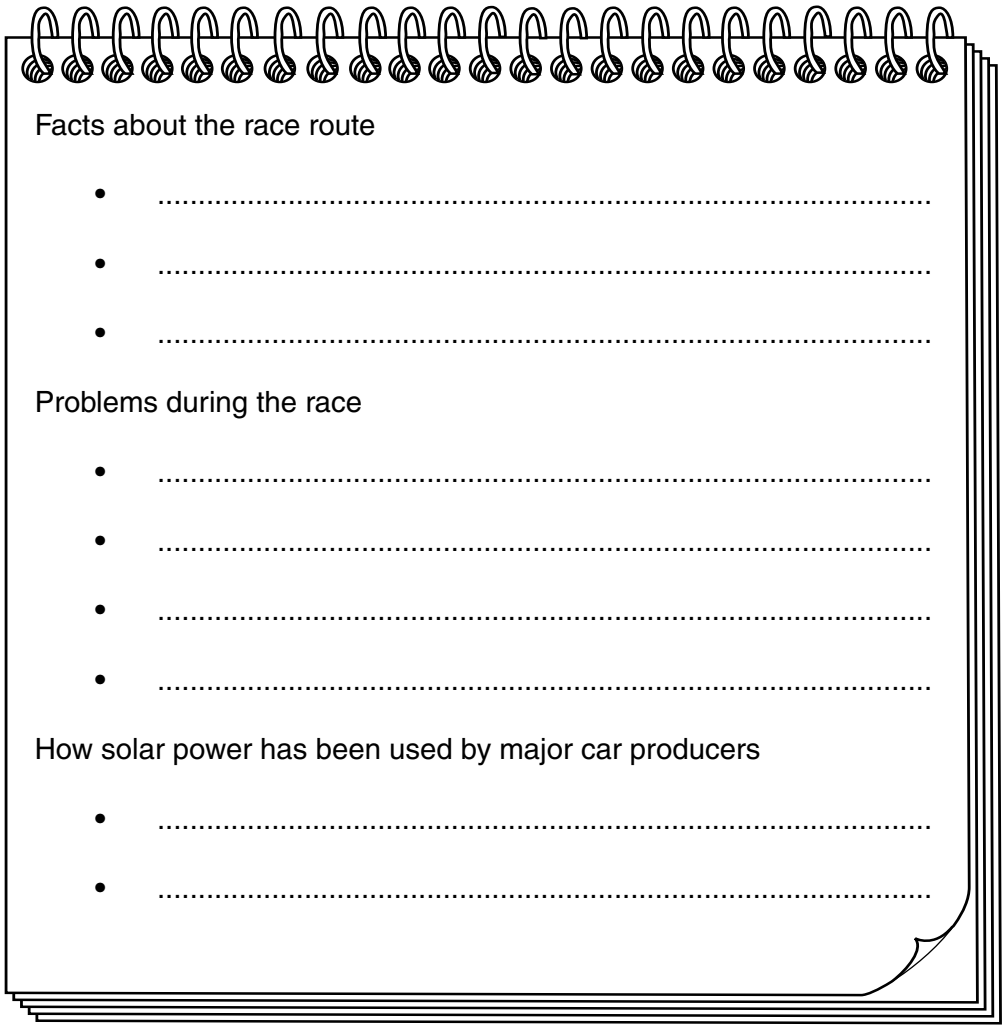
It seems that sometimes even advanced technology cannot compete with the forces of nature.

View solution

© UCLES 2015

You are going to give a talk about solar power and the World Solar Challenge Race to your local environmental group. Prepare some notes to use as the basis for your talk.

Make short notes under each heading.



Facts about the race route

- .....
- .....
- .....

Problems during the race

- .....
- .....
- .....
- .....

How solar power has been used by major car producers

- .....
- .....

[Total: 9]

Exercise 5

View solution

Read the following article about young people and clothes.

Write a summary about why the choice of clothes is important to young people AND possible negative effects of these choices.

Your summary should be about 100 words long (and no more than 120 words long). You should use your own words as far as possible.

You will receive up to 6 marks for the content of your summary and up to 5 marks for the style and accuracy of your language.

YOUNG PEOPLE AND CLOTHES

Nowadays, many people try to express their identity through personal possessions, such as the latest technology that they own or the car that they drive. Owning these status symbols is perhaps one of the most obvious ways of creating an impression.

It is true that you should not judge a book by its cover, but people still do. In the case of human beings, that cover is often their choice of clothing, and people look at the way that others dress to form an opinion of their character.

Young people in particular use clothing as a means of demonstrating their opinions, values and identity. In addition, they believe that clothes can have a positive effect on their communication with others in their peer group.

"Young people care about clothes because they say a lot about their personality," says Bridget Osborn, a fashion industry expert. "For young people, the clothes they wear are so important. Clothes can affect their mood and how they face the day. If young people put on something special, even when it's not a special day, then this can change their outlook." In reality, many young people have different clothes for different occasions, wearing school uniform at certain times and casual clothes at others.

The clothes that young people wear can sometimes give people the wrong impression. For example, if their clothes are wrinkled, stained or mismatched, it might send a message that they do not really care about their appearance, or even their school. On the other hand, if every piece of clothing on their body is brand new and expensive, and they make sure to let others know it, some people may take this to mean that they are too materialistic. If they like to wear a pair of fun shoes, a tie with a large pattern or a multi-coloured hat, it could be that they like to show their wild side. This type of person wants to demonstrate that they are different from other people.

However, many young people tend to be too focused on the brand that they are wearing and spend more than they can afford. Certain companies use well-planned advertising strategies to influence young people and control their ideas. This can make them fall into the trap of thinking that they have to buy certain clothes even if they are not sure about them.

Young people might dress in a certain way in order to be more accepted by a group that they want to belong to. For example, it is not unusual to see a group of friends outside school all dressed in the same style. However, there is a danger that those outside the group will feel excluded. This can lead to people, both inside and outside the group, developing stereotypical views only on the basis of clothes.

There is no doubt that clothes and fashion are big business today. You only need to walk around a shopping mall to see the number of shops that are competing to sell the latest products. What young customers finally decide to buy may well say a great deal about them as a person.

© UCLES 2015

[Total: 11]

Exercise 6

View solution



Last week, you received a phone call and you had to leave your home in a hurry.

Write an email to a friend about what happened.

In your email you should:

- explain what the phone call was about
- say what happened after you left your home
- describe how you felt when you returned.

The pictures above may give you some ideas, and you should try to use some ideas of your own.

Your email should be between 150 and 200 words long.

You will receive up to 10 marks for the content of your email, and up to 9 marks for the style and accuracy of your language.

© UCLES 2015

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

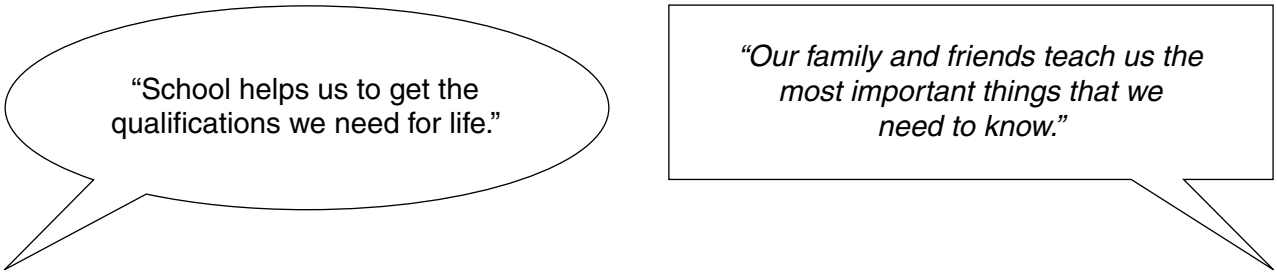
[Total: 19]

Exercise 7

View solution

Some people say that you learn more out of school than you do at school.

Here are some comments from your friends:



Write an article for your school magazine, giving your views.

The comments above may give you some ideas, and you should try to use some ideas of your own.

Your article should be between 150 and 200 words long.

You will receive up to 10 marks for the content of your article, and up to 9 marks for the style and accuracy of your language.

© UCLES 2015

[Total: 19]

BLANK PAGE

Permission to reproduce items where third-party owned material protected by copyright is included has been sought and cleared where possible. Every reasonable effort has been made by the publisher (UCLES) to trace copyright holders, but if any items requiring clearance have unwittingly been included, the publisher will be pleased to make amends at the earliest possible opportunity.

To avoid the issue of disclosure of answer-related information to candidates, all copyright acknowledgements are reproduced online in the Cambridge International Examinations Copyright Acknowledgements Booklet. This is produced for each series of examinations and is freely available to download at www.cie.org.uk after the live examination series.

Cambridge International Examinations is part of the Cambridge Assessment Group. Cambridge Assessment is the brand name of University of Cambridge Local Examinations Syndicate (UCLES), which is itself a department of the University of Cambridge.