

**Examen VMBO-BB**

**2023**

tijdvak 1  
woensdag 17 mei  
13.30 - 15.00 uur

**Engels CSE BB**

Bij dit examen hoort een uitwerkbijlage.

Beantwoord alle vragen in de uitwerkbijlage.

Dit examen bestaat uit 34 vragen.

Voor dit examen zijn maximaal 38 punten te behalen.

Voor elk vraagnummer staat hoeveel punten met een goed antwoord behaald kunnen worden.

Let op: Beantwoord een open vraag altijd in het Nederlands, behalve als het anders is aangegeven. Als je in het Engels antwoordt, levert dat 0 punten op.

## Tekst 1

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### Auckland urban farm robbed twice

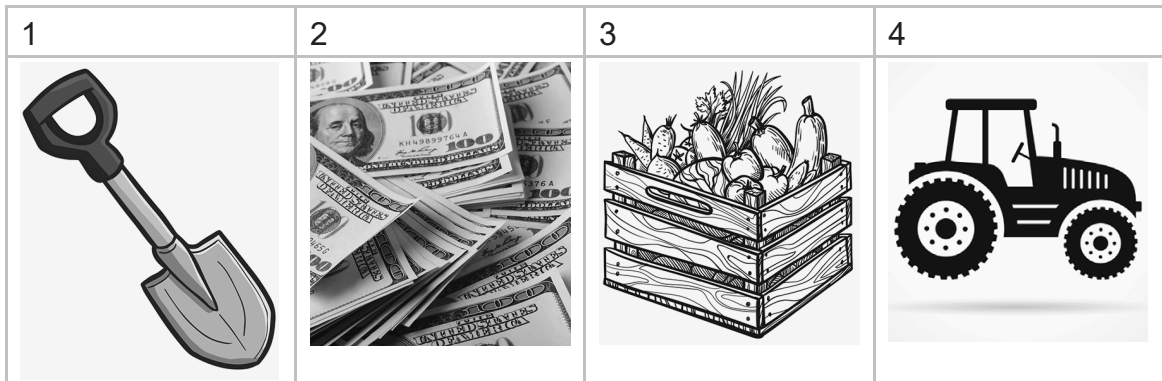
- 1 An Auckland urban farm was robbed twice in a row. The first break-in occurred while urban farmer Brinsdon-Hall was away on holiday. Spades, gloves and other gardening gear, along with \$500 in cash, was stolen. The farm was targeted again three weeks later. It was the theft of crates full of vegetables that he found disheartening. "Stuff is stuff, and we can always get the money back, but the vegetables are grown for the local community," he said. "It's not my food – it's grown for the people that support us, and with so much love."



- 2 The second robbery was not reported to the police as Brinsdon-Hall felt he did not have enough evidence. A webpage has been set up to aid the struggling urban farmer, with more than \$2000 raised in just two days. Brinsdon-Hall plans to spend the money on improving security at the farm. "I feel very thankful to the community that has really stood up and come forward with their generosity to help us feel more secure," he said. "It's a sad story, but the support from the community has been amazing."

bewerking van *stuff.co.nz*, 2021

- 2p 1 Er werden verschillende dingen gestolen van de boerderij.  
→ Geef bij elke afbeelding aan of dit wel of niet gestolen werd. (alinea 1)  
*Omcirkel 'wel' of 'niet' in de uitwerkbijlage.*



- 1p 2 Wat gaat boer Brinsdon-Hall met het gedoneerde geld doen? (alinea 2)
- A de gestolen boerderijspullen vervangen
  - B een website maken voor de boerderij
  - C zijn boerderij beter beveiligen

### The fascinating way flamingos eat



- 1 Ever wondered how flamingos eat with their curved beaks? The San Diego Zoo has released a new video educating the public on flamingo feeding habits. The video was taken during the birds' mealtime by an underwater camera placed inside the zoo's flamingo feeding pool. It shows just how efficient flamingos are at "vacuum-cleaning" their food.
- 2 In the video, the birds are seen dipping their hooked beaks to skim the bottom. The zoo explains that flamingos naturally eat underwater and with their beaks almost upside down. They suck in the surrounding water, which is then passed through salty plates (called lamellae) that filter the water for tasty treats. Shrimp, brine flies, algae, and other small marine life are trapped in the flamingo's mouth to be consumed. Water, mud, and debris are expelled out the sides of the beak. This effective feeding filtration system is powered by the motion of the flamingo's tongue.
- 3 The zoo's feeding pool, however, is not filled with actual sea creatures. Instead, zookeepers use a special pellet diet full of nutrients. When scattered in water, the flamingos can eat as if living in the wild. The pigments that give shrimps their colour must be put in these pellets – eating them gives the flamingos their pink feathers.

bewerking van *earthlymission.com*, 2020

- 1p 3 Met welk voorwerp wordt de manier waarop flamingo's voedsel zoeken vergeleken? (alinea 1)



- 1p 4 Welke bewering over flamingo's is juist volgens alinea 2?
- A Ze gebruiken hun poten om de bodem los te maken.
  - B Ze houden hun snavel bijna ondersteboven bij het eten.
  - C Ze vissen met hun tong voedsel uit het water.

- 1p 5 Wat krijgen flamingo's in de dierentuin te eten? (alinea 3)
- A schelpdieren
  - B voerkorrels
  - C waterplanten

- 1p 6 Waarom krijgen flamingo's pigment in hun voer volgens alinea 3?
- A om het eten beter te kunnen zien
  - B om te zorgen dat hun veren kleur krijgen
  - C om voldoende voedingsstoffen binnen te krijgen

### Flying cars

- 1 Movies about the future often show people zipping around in flying cars. Last week, that vision came a step closer to reality for a Japanese company, as it showed off its flying car in action – complete with driver. Last Tuesday, a company called SkyDrive gave a demonstration of its new flying car, the SD-03. The small car flew around for four minutes, staying about 3 to 6 feet (1 to 2 meters) off the ground. The SD-03 is powered by batteries and has 8 electromotors, which lift it straight off the ground. Since flying cars don't use runways, they need to be able to take off and land by going straight up or down.
- 2 There are many challenges in the way. Controlling a flying car is so complicated that most people won't be able to do it. Even last Tuesday's test flight was kept stable by an automatic computer system, and a backup team stood ready to control the car from the ground. Safety is another major problem. What happens when a motor fails? If flying cars are crossing a city, an accident could hurt not just the people in the car, but people on the ground, too. That's one reason the SD-03 has eight motors – as backups.
- 3 Some people believe flying cars will reduce traffic jams, saving lots of time. But new systems will be needed to help control traffic in the air. With lots of cars flying around, these systems would be too complicated to be managed in real time by humans. Flying cars are very expensive as well. When it's ready, SkyDrive's flying car is expected to sell for between \$300,000 and \$500,000. But people who believe in flying cars point out that airplanes faced lots of challenges at first, too. With time, many of the big problems were solved.

bewerking van *newsforkids.net*, 2020

- 1p **7** Wat is waar over de test met een vliegende auto in alinea 1?
- A** De auto had geen start- en landingsbaan nodig.
  - B** De auto vloog zonder bestuurder aan boord.
  - C** De auto werkte op benzinemotoren.
- 1p **8** Wat is volgens alinea 2 één van de redenen dat de auto acht motoren heeft?
- A** om het besturen gemakkelijker te maken
  - B** om reserves te hebben als er één uitvalt
  - C** om sneller te kunnen vliegen
- 1p **9** Hoe reageren voorstanders van de vliegende auto op de genoemde nadelen? (alinea 3)
- A** door aan te geven dat problemen met de eerste vliegtuigen ook zijn opgelost
  - B** door te benadrukken dat er meer voordelen tegenover staan
  - C** door uit te leggen dat ze met veel geld kunnen worden tegengegaan

# Missing dog

by Danielle Garand



- 1 Michigan couple Steve and Debra Mejeur received a very special Christmas surprise this year. The pair said they were reunited with their beloved black labrador, Lola, who went missing over three years ago. In October 2017, the couple and then 5-year-old Lola were visiting a friend in Elk Grove Village, Illinois – about three hours from their home – when their world turned upside down. Somehow, the dog escaped from the fenced-in backyard of their friend’s home, Debra told CBS News.
- 2 They tried desperately to find Lola after she went missing, and stayed in Illinois for the night to search again the next day. The couple spent about a month looking for her, making the three-hour trip from their home every weekend. Debra said she posted in every Facebook group she could find in the community for two years to try to get any leads, but came up empty-handed. So, she was shocked when she received a message on December 3 stating that Lola had been found. “I was overwhelmed by so many emotions. I was in disbelief because it’s been three years. I was relieved that she was finally safe.”
- 3 And it turns out that while Lola was lost, she certainly hadn’t been alone. A couple who live about 10 miles away from where Lola disappeared had been feeding her outside for two and a half years, Debra said. But Lola never allowed them to get close enough to capture her. Finally, on December 3 of this year, they were able to catch her and brought her to the shelter. Luckily, Lola had been microchipped and the county was able to track the owners down. Lola was reunited with her family just two days later.



- 4 “It took her a little time to recognize me,” Debra explained. “When she finally came up to me, she did a small sniff, licked my forehead and that’s when she knew. Her tail started wagging and she turned into an excited dog!” The sweet reunion was captured on video, showing Lola dressed for the occasion with a red bow. Debra said Lola’s personality hasn’t changed at all, adding she even remembers her commands. “It’s like she’s never been gone,” she said. “I don’t think it has really hit us that she’s here yet but we are forever grateful to the couple that looked after her,” Debra said.

bewerking van CBS, 2020

- 1p 10 Waarom was het vreemd dat Lola uit de achtertuin van vrienden kon ontsnappen? (alinea 1)
- A omdat er een hek om de tuin stond
  - B omdat Lola vastgebonden zat
  - C omdat ze nog niet eerder ontsnapt was
- 2p 11 Geef van elke bewering aan of die juist of onjuist is volgens alinea 2. *Omcirkel ‘juist’ of ‘onjuist’ in de uitwerkbijlage.*
- 1 Steve en Debra begonnen de volgende dag met zoeken.
  - 2 Steve en Debra reden elke maand naar Illinois.
  - 3 Debra plaatste meerdere oproepen op Facebook.
  - 4 Debra geloofde het eerst niet dat Lola was gevonden.
- 1p 12 Waardoor duurde het zo lang voordat Lola terug was bij haar eigenaren? (alinea 3)
- A Lola kon niet eerder gevangen worden.
  - B Lola was niet geregistreerd.
  - C Lola woonde bij een ander echtpaar.
- 1p 13 Wat zei Debra over Lola, nadat ze weer thuis was gekomen? (alinea 4)
- A Lola blafte naar Debra.
  - B Lola herkende Debra meteen.
  - C Lola was volgens Debra niks veranderd.

### Koala on the motorway



- 1 A curious koala has been rescued after causing peak hour chaos on an Australian freeway. The furry friend caused a five-car pile-up on Monday while crossing the road at Crafers West, bringing Adelaide's morning peak-hour traffic to a stand-still. Lucky for the koala, one motorist managed to scoop it up and take it to safety. "I thought, if we don't catch this koala, there will be another pile-up of cars," Nadia said as she found herself staring at the cause of the chaos. "I saw to my right there was a little cute koala running towards me."
- 2 "I grabbed my jacket out of the back seat and I went to the koala like a bull fighter would do to a bull," Nadia said. She said she was able to catch the koala with the help of other drivers and put it in her boot until an animal rescue team arrived. But the cheeky koala decided its adventures weren't over as it headed for the steering wheel. "It was poking its nose through the headrest and I thought, okay that's too close for comfort – I'd better get out and you have the car," she said. The koala stayed calm until animal rescuers arrived and returned it to the wild, although not before leaving its mark on Nadia's car – a deep scratch clawed into the dashboard. No animals or people were injured in the crash.

bewerking van *stuff.co.nz*, 2021

- 1p **14** Welke chaos ontstond er doordat een koala op de weg liep? (alinea 1)  
*Schrijf je antwoord in het Nederlands in de uitwerkbijlage.*
- 1p **15** Hoe voelde Nadia zich volgens alinea 2?  
**A** als een hondentrainer  
**B** als een reddingswerker  
**C** als een stierenvechter
- 1p **16** Wat deed Nadia eerst nadat ze het dier gevangen had volgens alinea 2?  
**A** Ze liet hem meteen weer ontsnappen.  
**B** Ze stopte hem in de achterbak van de auto.  
**C** Ze zette hem in een boom langs de kant.
- 1p **17** Wat was een gevolg van de reddingsactie? (alinea 2)  
**A** Nadia's arm raakte gewond.  
**B** Nadia's auto was beschadigd.  
**C** Nadia's jas werd verscheurd.

### Rubik's cube world record

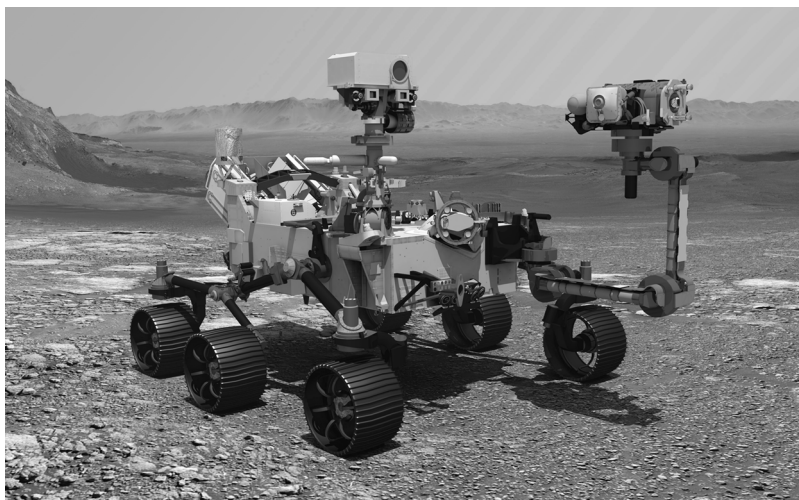


- 1 With just one correct answer out of 43 quintillion possibilities, it is not surprising that most people spend days, if not months, trying to solve the Rubik's Cube. However, don't tell that to speedcuber Atharva R Bhat. The eight-year-old from Bangalore, India, just reached a new Guinness World Record by solving three of the 3x3 rotating puzzles at the same time in an amazing one minute and 29.97 seconds.
- 2 Atharva, who has always loved puzzles, became inspired to take up speedcubing in 2017 after meeting Krishnam Raju Gadiraju, a multiple speedcubing record-holder at the World Cube Association competition in Bangalore. "My dream to be like him started there," he says. He began training in earnest in early 2020. In addition to spending many hours solving the 3x3 cubes, he also spent time meditating and visualizing the world record attempt and winning the title.
- 3 Atharva says, "The training was never difficult because I enjoyed solving the puzzles with both hands and feet. I believe loving what you do makes training easier. My parents were always supportive. My sister and grandparents would cheer me at my practice, and I enjoyed it." The eight-year-old hopes his success will inspire other kids to take up cubing. Meanwhile, he is already working toward reaching his next goal – completing the same challenge in less than a minute.

bewerking van *dogonews*, 2021

- 1p **18** Wat wordt er over Atharva verteld in alinea 1?
- A Hij had drie pogingen nodig om een record te halen.
  - B Hij kon als snelste drie puzzels tegelijk oplossen.
  - C Hij was de jongste kubus-speler op drie toernooien.
- 1p **19** Wat wordt er over Atharva verteld in alinea 2?
- A Hij droomde dat hij zijn idool ontmoette.
  - B Hij oefende van het begin af aan veel.
  - C Hij zag zijn overwinning voor zich.
- 2p **20** Geef van elke bewering aan of die juist of onjuist is volgens alinea 3.  
*Omcirkel 'juist' of 'onjuist' in de uitwerkbijlage.*
- 1 Atharva oefent met zijn handen en voeten.
  - 2 Atharva krijgt steun van zijn familie.
  - 3 Atharva geeft les aan andere kinderen.
  - 4 Atharva wil zijn eigen record verbreken.

# Exploring Mars



- 1 On February 18, 2021, NASA's rover named Perseverance landed on Mars. Its mission is to seek evidence of something that may have lived on the planet billions of years ago. An easy landing was not guaranteed. The rover's journey to Mars took nearly seven months. But its drop through the atmosphere of Mars took just seven minutes. The rover fell at 12,100 miles per hour, with air friction raising the temperature on its heat shield to 1,299°C. The friction also acted as a brake. Within minutes, the ship slowed down. The heat shield came off, a parachute opened, and Perseverance drifted to the ground.
- 2 For the next two years or so, Perseverance will explore Mars's Jezero Crater. The area is 28 miles wide. Some 3.5 billion years ago, it was a lake fed by water that flowed through channels in the crater's rim. The planet's atmosphere was thick, and it was warm, too. Those are conditions that can support life. Later, Mars lost most of its atmosphere and nearly all of its water, turning the planet into the ice-cold desert that it is today. But if there was ever any life on Mars, traces might remain. Fossils of it might be found in the dried-up lake. The rover's main job is to find those fossils.
- 3 The rover also carries a small helicopter called Ingenuity. Its job is to make test flights through the planet's thin air. In the future, bigger versions can be built. These could allow for exploration of hills and mountains during missions. This is a big moment in the history of flight: Ingenuity is the first aircraft to fly on a planet other than Earth. Perseverance is the ninth American spacecraft to set down on Mars. The only other nation to get there was the former Soviet Union. Will Perseverance discover signs or even proof of life on Mars? The possibility is thrilling to imagine.

- 4 NASA also added a secret message, which was hidden in the pattern on the rover's parachute. The pattern translates into binary code, the language of computers. Maxence Abela, a computer science student in France, and his dad, Jerome, cracked the code and posted the message on Twitter. It reads: "Dare mighty things", which is the motto of NASA's Jet Propulsion Laboratory, in California.

bewerking van *timeforkids.com*, 2021

- 1p 21 Op welk moment van de ruimtereis werd het hitteschild door weerstand van de dampkring zeer heet volgens alinea 1?
- A bij de lancering vanaf de aarde
  - B tussen de lancering en landing in
  - C in de laatste minuten voor de landing op Mars
- 1p 22 In alinea 2 worden een aantal eigenschappen genoemd die Mars vroeger had waardoor men denkt dat er leven geweest zou kunnen zijn. Eén daarvan is de aanwezigheid van water.  
→ Noem een andere eigenschap.  
*Schrijf je antwoord in het Nederlands in de uitwerkbijlage.*
- 1p 23 Wat maakt *Ingenuity* zo speciaal? (alinea 3)
- A De helikopter is met behulp van de voormalige Sovjet-Unie ontwikkeld.
  - B De helikopter kan enorm grote afstanden afleggen.
  - C De helikopter vliegt als eerste op een andere planeet dan de aarde.
- 1p 24 Wat wordt duidelijk in alinea 4 over een geheime boodschap?
- A De betekenis ervan was per ongeluk op Twitter gezet.
  - B Die was afgebeeld op de parachute van de rover.
  - C Die werd bedacht door Maxence Abela en zijn vader.

# The original tiny home in Wellington

Joanna Davis

- 1 It's the original tiny home – and it's finally for sale after being held by the Duignan family for more than a century. The 44-square-metre cottage, which sits on 92-square-metre of land at 251 Tinakori Road in Thorndon, Wellington, was built in the 1860s by the first owner. It contains only three rooms: an open-plan kitchen and living space, a double bedroom and an outdoor laundry and bathroom. It has been renovated to a high standard. The house is clearly visible in paintings of early Wellington dating back as far as the 1880s and has been a point of interest for walking tours and history lovers for many years. Because it is a historic building and part of the Thorndon Character Area, no changes have been made to the floor plan or on the outside.



- 2 Paul Duignan said the cottage had been in his family since his great-grandmother, Mary Ann Duignan, bought it in 1899, and it had recently passed to him and his three siblings. He said Mary Ann Duignan was a character known around Thorndon in the 19th century. She was uneducated but an intelligent businesswoman. She ended up owning several houses in Thorndon.
- 3 Paul Duignan had been living in the cottage himself for the past two years and had enjoyed his time there. "It's a small house, but because it's so close to town you can be out and about doing things." The real estate listing notes the "fabulous location right in the heart of the Thorndon Character Area, directly opposite Premier House and a minute's walk from the Tinakori shopping area. With an attic for storage, the property has plenty enough space for daily living, with a neat and tidy courtyard area just out the back door." Paul Duignan said they had no idea what to expect in terms of price.

bewerking van *stuff.co.nz*, 2021



- 2p **25** Geef van elke bewering aan of die juist of onjuist is volgens alinea 1.  
*Omcirkel 'juist' of 'onjuist' in de uitwerkbijlage.*
- 1 Het huis is altijd eigendom geweest van dezelfde familie.
  - 2 Het huis is te herkennen op oude schilderijen van de buurt.
  - 3 Het huis is een bezienswaardigheid bij stadswandelingen.
  - 4 Het huis is aan de buitenkant verbouwd.
- 1p **26** Wat wordt gezegd over Mary Ann Duignan in alinea 2?
- A Ze bezat meerdere huizen in de buurt.
  - B Ze had bouwkunde gestudeerd.
  - C Ze was moeder van drie kinderen.
- 1p **27** Welk kenmerk van het huis wordt door de makelaar aangeprezen in alinea 3?
- A de centrale ligging
  - B de grote achtertuin
  - C de slaapkamer op zolder

### Diver recreates 'Jaws' movie poster



- 1 Photographer Euan Rannachan has been fascinated with sharks since he was a child. Now, he uses his skills behind the camera to show the power and majesty of these predators. While Rannachan has spent countless hours diving with sharks, it was during a recent trip that he came back with the photo of a lifetime. Taken while just a bit more than 10 meters away – in the safety of a shark cage – Rannachan photographed a great white shark striking a familiar pose. Over the years, the classic Jaws has become one of the most well-known movie posters in cinema. For Rannachan, being able to take a photo that mirrors the classic image is a dream come true.
- 2 Given how beloved Jaws is, it should come as no surprise that Rannachan's photo caused quite a stir. All the attention has allowed the photographer to share his love of these incredible animals with a wider audience. In doing so, he hopes people realize that they aren't the evil animals they're often made out to be.

bewerking van *mymodernmet.com*, 2019

- 1p **28** Welke bewering over Euan Rannachan is juist volgens alinea 1?
- A Hij begon haaien pas op zijn laatste reis interessant te vinden.
  - B Hij maakte deze haaienfoto vanuit een speciale kooi.
  - C Hij trainde haaien om ze bepaalde houdingen te laten aannemen.
- 1p **29** Wat hoopt Euan met zijn foto's te bereiken? (alinea 2)
- A dat mensen er enthousiast van worden
  - B dat mensen positiever gaan denken over haaien
  - C dat ze veel geld gaan opbrengen
  - D dat ze voor filmreclames gebruikt worden

### Blue Angels



- 1 This past weekend, over a million San Francisco Bay Area residents gathered at the city's waterfront to watch the impressive airshows staged by the Blue Angels, the US Navy's flight demonstration squadron with pilots from both the Navy and the Marines. They were not disappointed.
- 2 The six expert fighter pilots, who spent hundreds of hours practicing the routines before the public show, began with maneuvers that were far apart from each other. Once warmed up, they started flying in perfect formations and, at various points during the airshow, the airplanes were only 18 inches away from one another!
- 3 The spectacular aeronautic displays, which fascinated visitors from 2:00 - 4:00 pm on Friday, Saturday, and Sunday, were part of the Fleet Week celebrations held from October 1 - 9. An annual San Francisco tradition since 1981, the event offers civilians the rare opportunity to tour active amphibious carriers, destroyers, and cruisers and meet with the brave men and women of the US Navy, Marine Corps, and Coast Guard.

bewerking van *dogonews*, 2017

- 1p **30** Wie zijn de 'Blue Angels' volgens alinea 1?  
**A** de inwoners van de stad San Francisco  
**B** de leden van het militaire demonstratieteam  
**C** de organisatoren van een vliegshow
- 1p **31** Wanneer vlogen de vliegtuigen heel dicht bij elkaar? (alinea 2)  
**A** tijdens een testvlucht bij aanvang van de show  
**B** op enkele momenten tijdens de show  
**C** als verrassing na afloop van de show
- 1p **32** Welke bewering over Fleet Week is juist volgens alinea 3?  
**A** De bezoekers konden in die week de kustwacht ontmoeten.  
**B** De vliegshows werden elke dag van de week gehouden.  
**C** De week vond dit jaar voor de negende keer plaats.

## Tekst 11

- 1p 33 Welk woord past het best op de plaats van 33 in de tekst?
- A animals
  - B experience
  - C information

### Animal magic



Question: I want to work as an animal trainer for films – especially with dogs. How can I get into this line of work?

*Laura, 15, Suffolk*

Answer: Animal training for films is a competitive field. You can start off by finding a dog training club. Ring your local council and ask for the Dog Warden Service who will give you details of good clubs in your area. Once you have got the 33 you need, you can take a dog-training course. After that you can do an instructors' course.

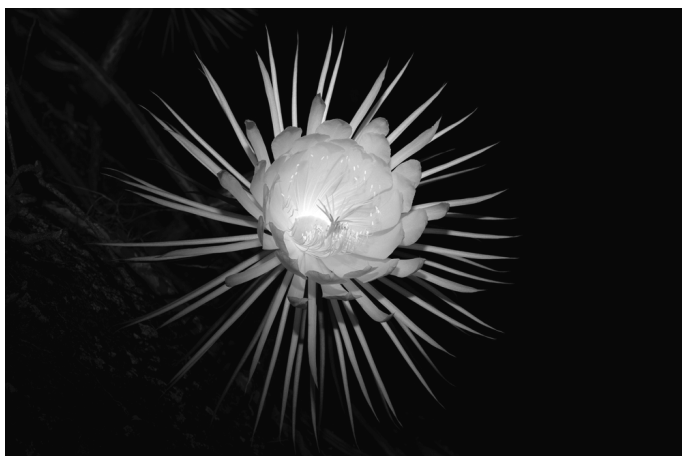
*Tom Buckley from the Institute Of Professional Dog Trainers*

bewerking van *Bliss*, 2002

## Tekst 12

- 1p 34 Wat is waar over de cactus in dit bericht?
- A Hij bloeit maar één nacht.
  - B Hij komt in diverse kleuren voor.
  - C Hij stinkt zolang hij bloeit.

### Amazonian cactus



A rare Amazonian cactus called the moonlight cactus, has bloomed for what botanists believe is the first time in the UK. The plant is naturally found in Central America, the Caribbean, and northern South America, and it has white flowers that only last a single night. It is only grown in 13 botanic gardens in the world.

Experts at Cambridge University's Botanic Garden kept a night watch throughout the week so that they didn't miss the flowering of the moonlight cactus, an event that begins after sunset and is over before sunrise. The 'moonflower' bloomed on Saturday and the garden's staff said that it was 28 centimetres long. The strongly desired flower produces a sweet-smelling scent that turns bad after just two hours as the plant begins to die.

bewerking van *newsinlevels.com*, 2021

#### Bronvermelding

Een opsomming van de in dit examen gebruikte bronnen, zoals teksten en afbeeldingen, is te vinden in het bij dit examen behorende correctievoorschrift.