

Examen VWO  
**2016**

tijdvak 2  
dinsdag 21 juni  
13.30 - 16.00 uur

**Engels**

Bij dit examen hoort een bijlage.

Dit examen bestaat uit 40 vragen.  
Voor dit examen zijn maximaal 46 punten te behalen.  
Voor elk vraagnummer staat hoeveel punten met een goed antwoord behaald kunnen worden.

Geef niet meer antwoorden (zinnen, redenen, voorbeelden e.d.) dan er worden gevraagd. Als er bijvoorbeeld één zin wordt gevraagd en je antwoordt met meer dan één zin, dan wordt alleen de eerste zin in de beoordeling meegeteld.

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 Animal betrayal

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“Animal betrayal” (titel)

- 1p 1 In welke zin wordt het gevolg genoemd van de toepassing van genetische modificatietechnieken voor dieren?  
Citeer de eerste twee woorden van deze zin.

## Tekst 2 Jump into summer

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“our pudding” (eerste alinea)

- 1p 2 Wat is het toetje volgens de schrijver van het artikel?
- 1p 3 How can the tone of this letter as a whole be described?  
A annoyed  
B sarcastic  
C sceptical  
D tongue-in-cheek

## Tekst 3 A Christmas Carol

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- 1p 4 Which of the following fits the gap in paragraph 3?  
A Consequently  
B For all that  
C In addition  
D In brief
- 1p 5 Which of the following reflects Mark Fisher’s point of view on this production of *A Christmas Carol*?  
A In spite of an outstanding cast, the performance does not quite live up to expectations.  
B The moral injunction in Dickens’s classic to love others is taken rather lightly.  
C The talented cast makes up for a lack of chemistry between individual performers.  
D Unaffected by the demanding task of playing multiple parts, the actors deliver a vivacious performance.

## Tekst 4 High-tech breeders

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- 1p 6 What is the function of paragraph 1?
- A to describe Dr Sakamoto's clinical research into fish breeding systems
  - B to explain the need for breeding fish in view of the growing population
  - C to outline Dr Sakamoto's motivation behind breeding fish that are disease resistant
  - D to provide background information on the technology of genetic engineering and fish
- 1p 7 Which of the following fits the gap in paragraph 2?
- A affecting the signposts
  - B concealing genetic strings
  - C taking the signposts with them
  - D transforming genetic information
- 2p 8 Geef van elk van de volgende beweringen aan of deze wel of niet overeenkomt met de inhoud van alinea 3 en 4.
- 1 While carrying out his research programme, Dr Sakamoto deliberately infected fish.
  - 2 Genetic maps provide scientists with information about the presence of resistance genes.
  - 3 The selection of fish for breeding is based on how many disease resistant genes they have.
  - 4 Dr Sakamoto's genetically modified fish provide information on their resistance to contagious diseases.
- Noteer het nummer van elke bewering, gevolgd door "wel" of "niet".
- The subtitle of this article has been left out.
- 1p 9 Which of the following was the original subtitle?
- A Dr Sakamoto is fishing in troubled waters by mapping genes
  - B Healthy fish, healthy people
  - C How to benefit from genetics without genetically engineering fish
  - D There is something fishy about genetic engineering

## Tekst 5 Europe's worrying gerontocracy

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- 1p 10 What is the main point made in paragraph 2?
- A Older voters have a lot of political power nowadays.
  - B Political authority has finally come to rest with the young.
  - C The elderly abuse the legal power they have.
  - D The political control exerted by the elderly in the past still influences the present.

- 1p 11 How can paragraphs 4 and 5 be characterised best?
- A They advocate the necessity for age-controlled voting.
  - B They contradict the need for a shift in political power.
  - C They discuss reactions to the current demographic situation.
  - D They show the political benefits of an ageing society.
- 1p 12 Which of the following fits the gap in paragraph 6?
- A Consequently
  - B For instance
  - C Nevertheless
  - D Obviously
- 2p 13 Geef van elk van de volgende beweringen aan of deze wel of niet in overeenstemming is met de inhoud van alinea 7 tot en met 10.
- 1 Young Europeans resemble Americans with regard to entrepreneurship.
  - 2 The majority of Northern Europeans are against a flexible retirement age.
  - 3 Certain European nations consider the elderly unwelcome players on the labour market.
  - 4 The average age in northern European countries is significantly higher than in the South.
- Noteer het nummer van elke bewering, gevolgd door “wel” of “niet”.
- “a more serious problem” (eerste zin alinea 8)
- 1p 14 Leg in je eigen woorden uit wat dit serieuzere probleem is.
- 1p 15 Which of the following can be concluded about Europe’s political future from the last paragraph?
- 1 Political reform can only be achieved by young politicians.
  - 2 Bridging the generation gap will consolidate European unity.
- A only 1 is true
  - B only 2 is true
  - C both 1 and 2 are true
  - D neither 1 nor 2 is true
- 1p 16 Which of the following quotations is meant to be taken completely seriously?
- A “and the baby of the bunch, Britain’s 68-year-old Harold Macmillan” (paragraph 1)
  - B “because older voters turn out more reliably than the young, they could wield crushing power” (paragraph 2)
  - C “older Europeans preferred having a regular salary, thank you” (paragraph 7)
  - D “a finding that rings true for anyone needing a Brussels plumber at the weekend” (paragraph 8)

## Tekst 6 Review roundup: 'Lean In'

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- 1p 17 Which of the following statements reflects the main point made about Sandberg's book?
- A Women are encouraged to pursue their aspirations.
  - B Women in top positions should alter working conditions.
  - C Women lack any ambition to break through the glass ceiling.
  - D Women should accept that their position will not change.
- 1p 18 Based on paragraph 2, who would agree with the point of view that women are to be partially blamed for their poor circumstances?
- A Jodi Kantor
  - B Deanna Zandt
  - C both Jodi Kantor and Deanna Zandt
  - D neither Jodi Kantor nor Deanna Zandt
- 1p 19 What does Bamberger say about Sandberg and Mayer in paragraph 3?
- A They attack working women for neglecting their maternal duties.
  - B They blame women for the harsh realities of their working lives.
  - C They expect professional women to keep work and private life strictly separate.
  - D They imply that women who want both career and family are betraying the feminist cause.
- 1p 20 Which of the following characterises paragraph 4?
- A It confirms the view that women themselves hold the key to success.
  - B It demonstrates that Sandberg's views are indeed appreciated.
  - C It praises the effect of Sandberg's work on equality in the workplace.
  - D It questions Sandberg's line of thought as described in *Lean In*.
- 1p 21 Which of the following is in accordance with Faludi's opinion of *Lean In*?
- A She dislikes the fact that the plight of single mothers is ignored in it.
  - B She fears it will be counterproductive to women's career opportunities.
  - C She resents the fact that its main focus is on women's lack of drive.
  - D She wonders why it only addresses women who actively contribute.
- 1p 22 Who, according to paragraphs 4-6, is most negative about Sheryl Sandberg and *Lean In*?
- A Michelle Goldberg
  - B Maureen Corrigan
  - C Meeta Agrawal
  - D Susan Faludi
  - E Janet Maslin
  - F Anne-Marie Slaughter
- 1p 23 Welke aanname wordt tegengesproken door Janet Maslin (alinea 6)?

## Tekst 7 The west re-examines the rat race

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*Kies bij iedere open plek in de tekst het juiste antwoord uit de gegeven mogelijkheden.*

1p **24**

- A defended
- B introduced
- C questioned

1p **25**

- A costly
- B long-term
- C practical
- D predictable

1p **26**

- A also
- B nonetheless
- C not
- D perhaps

1p **27**

- A for economic growth
- B for greater happiness
- C to address monetary policies
- D to establishing social equality

1p **28**

- A less common
- B less problematic
- C more familiar
- D more pronounced

1p **29**

- A a curious irony
- B a fortunate coincidence
- C a political triumph
- D the end of capitalism

1p **30**

- A aim at
- B describe
- C justify
- D reject

## Tekst 8 Climate change and extinction?

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- 1p 31 How can paragraph 1 be characterised best?
- A as a concise statement on the effects of a changing climate on ecosystems
  - B as an illustration of the current state of affairs regarding research into global warming
  - C as a short summary of the findings of an extensive study into the effects of climate change
  - D as the introduction to a discussion about the effects of climate change for mankind
  - E as the presentation of an important breakthrough in scientific knowledge on extinction
- 2p 32 Geef van elk van de volgende beweringen aan of deze wel of niet overeenkomt met de inhoud van alinea 2 tot en met 4.
- 1 Scientists have failed to draw attention to the complexity of the relationship between rising temperatures and the extinction of species.
  - 2 Climate change will make it easier for diseases to spread.
  - 3 Rising temperatures may have benefits for certain ecosystems.
  - 4 Several varieties of plants and animals have not survived due to the warmer climate.
- Noteer het nummer van elke bewering, gevolgd door “wel” of “niet”.
- “the crucial issue” (paragraph 3)
- 1p 33 Which of the following quotations most accurately identifies this issue?
- A “some organisms struggle to cope physiologically with rising temperatures” (paragraph 2)
  - B “there was scarce evidence this was the main climate-related threat” (paragraph 2)
  - C “many species may become extinct long before their inability to cope physically with warmer conditions becomes a danger” (paragraph 3)
  - D “the details of how climate forces populations into decline” (paragraph 4)
- 1p 34 What is the function of paragraph 5?
- A to present indirect ways in which climate change endangers species
  - B to prove that global warming is at the root of changing animal behaviour
  - C to provide examples of animal extinction as published in an academic journal
  - D to research the interdependence of living organisms for survival

## Tekst 9 The digital wallet

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“The same technology” (alinea 1)

1p **35** Leg in je eigen woorden uit hoe deze technologie werkt.

2p **36** Geef van elk van de volgende beweringen aan of deze wel of niet overeenkomt met de inhoud van alinea 2.

- 1 Fingerprint recognition applications are no longer used for identification.
- 2 There are serious drawbacks to the use of facial recognition software.
- 3 Iris recognition technology provides an efficient method of authentication.

Noteer het nummer van elke bewering, gevolgd door “wel” of “niet”.

“So why are we still paying for everything with credit cards?” (alinea 2)

1p **37** Wordt er in het onderstaande citaat van Schneiers blog antwoord gegeven op deze vraag?

Zo nee, antwoord “Nee”. Zo ja, citeer de eerste twee woorden van de zin waarin het antwoord wordt gegeven.

Besides the considerably improved forgery protection, the vendors of vein recognition technology claim further advantages. Compared to finger print sensors, vein recognition systems are said to deliver false rejection rates (FRR) to orders below that of finger print systems when operating at a comparable false acceptance rate (FAR). This can be ascribed to the basic structure of vein patterns having a much higher degree of variability than finger prints.

[https://www.schneier.com/blog/archives/2007/08/another\\_biometr.html](https://www.schneier.com/blog/archives/2007/08/another_biometr.html)

1p **38** What does the writer’s conclusion in paragraph 3 amount to?

- A Biometric identification has a good chance of replacing credit card payment.
- B Financial institutions are vital in ensuring the integrity of sensitive data when implementing biometric identification.
- C The main reason to postpone using biometric identification is that it is not forgery-proof.

## Tekst 10 Start early for musical genius

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- 3p 39 Geef van elk van de onderstaande beweringen aan of deze wel of niet overeenkomt met de inhoud van de tekst.
- 1 Professional musicians have enhanced communication between the two hemispheres of the brain.
  - 2 The more fully developed the corpus callosum, the better one is at alternating between activities.
  - 3 According to Christopher Steele the brain scans provide persuasive evidence.
  - 4 The earlier gifted children start practicing music, the more successful their careers will be.
  - 5 The article implores parents to give their children musical training from an early age.
- Noteer het nummer van elke bewering, gevolgd door “wel” of “niet”.

## Tekst 11 Algae

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- 1p 40 Which statement(s) is/are in line with the content of the article?
- 1 Growing algae has fewer harmful side effects than growing land plants.
  - 2 In the long run, it is cheaper to produce algae-based biofuels than other so-called eco-friendly fuels.
- A** only 1 is true  
**B** only 2 is true  
**C** both 1 and 2 are true  
**D** neither 1 nor 2 is true

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### Bronvermelding

*Een opsomming van de in dit examen gebruikte bronnen, zoals teksten en afbeeldingen, is te vinden in het bij dit examen behorende correctievoorschrift, dat na afloop van het examen wordt gepubliceerd.*