



Stowarzyszenie  
Akademicznych Ośrodków  
Nauczania Języków Obcych



Department  
of Foreign  
Languages

# EGZAMIN MODELOWY ACERT

## English Language Exam

### CEFR Level B2

Candidate name:

\_\_\_\_\_

Personal Identification No. (PESEL):

\_\_\_\_\_

Grade Book No. (ID):

\_\_\_\_\_

Examination date

\_\_\_\_\_

## RESULTS

PART ONE: Listening Comprehension \_\_\_\_\_ / 20 points

PART TWO: Reading Comprehension \_\_\_\_\_ / 20 points

PART THREE: Use of English \_\_\_\_\_ / 20 points

PART FOUR: Writing \_\_\_\_\_ / 20 points

Overall score: \_\_\_\_\_

Examiners' signatures \_\_\_\_\_

ACERT Exam Centre: Wrocław University of Science and Technology

## **PART ONE: LISTENING COMPREHENSION (20 points)**

### **Task One**

**You will listen to a radio program, in which the presenter talks about violence in the media. For questions 1-10, circle the right option (a, b or c). (10 points)**

1. Jim Carrey

- a) is dissatisfied with his acting performance in Kick-Ass 2 movie
- b) believes his film was direct cause of Sandy Hook massacre
- c) has different opinion on violence than Mark Millar

2. More and more research shows that there is \_\_\_\_\_ between violence in real life and violent content in media

- a) direct link
- b) no link
- c) indirect link

3. George Comstock and Haejung Paik

- a) performed their research for 33 years
- b) found a connection between watching violence and violent behavior
- c) found a connection between smoking and violence

4. Craig A. Anderson and Brad J. Bushman

- a) found insignificant connection between media violence and a person's violence
- b) had talked to more than 5,000 patients
- c) studied 42 other research results

5. The recent study published in journal Pediatrics proves that children who

- a) watched more than two hours of TV daily are later more violent as young adults
- b) watched violent programs on TV, showed little violent behavior in short-term
- c) did not watch excessive amounts of TV showed more sensitivity later, as adolescents

6. The speaker admits that there is

- a) no research to prove a direct link between violent TV programs and seriously violent behavior
- b) not enough research done on the relation between violence in the media and in real life
- c) no serious research at all done to prove the connection between violence in the media and in real life

7. The 2005 Lancet journal review of earlier literature concludes that most studies agree that exposure to media violence

- a) has direct connection to aggression among adults
- b) affects mostly children
- c) makes adults more aggressive towards children

8. Among other risk factors influencing violence, the speaker does NOT mention

- a) social background and economic situation
- b) gender
- c) family bonds

9. The speaker
- a) considers violence to be far from public health issues
  - b) believes violent behavior can be removed from society
  - c) thinks preventing violence has a lot in common with preventing fatal diseases

10. The speaker's final conclusion is that the decision to ban violence on TV
- a) should be based on facts, not emotions
  - b) should be immediate
  - c) should by no means affect freedom of speech

\_\_\_\_\_/10

**Task two**

**You will hear BBC news on Iter fusion power station in France. As you listen, complete the gaps in the following sentences with a word or phrase that fits the gap logically and grammatically. (10 points)**

1. The constructors are now more \_\_\_\_\_ about the timetable.
2. The technology is attractive, as it involves little radioactive \_\_\_\_\_.
3. The plasma's temperature at Iter reactor will \_\_\_\_\_ 200 million degrees Celsius.
4. The process requires a giant \_\_\_\_\_ field to contain extreme temperature.
5. Iter reactor is designed to produce \_\_\_\_\_ MW of electricity.
6. Governments which take part in the project \_\_\_\_\_ more than half the world's population.
7. Instead of cash EU provides \_\_\_\_\_ and infrastructure.
8. Iter's novel structure resulted in friction and \_\_\_\_\_.
9. Each member country first had to establish a domestic \_\_\_\_\_.
10. The managers at Iter are aware of the \_\_\_\_\_ of more hold-ups.

\_\_\_\_\_/10

**PART TWO: READING COMPREHENSION (20 points)**

**Task one**

**You are going to read an interview with Eric Kaplan—a scriptwriter for “The Big Bang Theory” television show. Match the following answers with the questions provided below. You will not need to use one of the questions.**

“The Big Bang Theory,” which begins its seventh season Sept. 26 on CBS, is one of the most popular comedies on television. Part of its success might lie in the fact that one of its script writers is Eric Kaplan. His résumé includes not only “The Simpsons”, but also Harvard and a Ph.D. program. We spoke with Mr. Kaplan in Boston.

1. \_\_\_\_\_

In Flatbush. I got into Hunter High School when I was 12, and I took the subway to Manhattan. Then I got into Harvard. My uncle said, “You should go to Harvard because they have a greater tolerance for weirdos than other schools.”

2. \_\_\_\_\_

It was. Because you had people there who were sincerely and passionately interested in what they were doing. That world was about people so entrenched in whatever they were studying that they forget to put their pants on. Now, I don't think I ever did that. But I'm sure I knew people who did.

3. \_\_\_\_\_

I think that Chuck and Bill Prady, the show's creators, figured out that the experience of being an outsider had universal appeal. Our characters, they don't have to be scientists. They could be anybody who's felt like an outsider.

4. \_\_\_\_\_

Listen, it's a story, not a thesis about how everyone is. It's a collection of specific characters. All scientists are not Sheldon Cooper. But many people can see some aspect of Sheldon in themselves.

5. \_\_\_\_\_

The ideas are in fact all around us. Well, let's say we decide that Amy and Sheldon should have a fight. Since they're scientists, their fight will be about science — about the relative priorities of neuroscience and physics. What's going on emotionally is they're arguing about the terms of their relationship. I wrote that scene because I have my own theories on that subject, but I also rely on my colleagues and their ideas for the plot.

6. \_\_\_\_\_

No, we follow Science Times. We'll come across stuff that seems worthwhile. The particle accelerator in Switzerland, there was some worry that it would destroy the universe. We probably made some joke about that or maybe even had a little plotline about it.

7. \_\_\_\_\_

I'd been working in television for a number of years. I wrote a script on speculation to get a job on "Malcolm in the Middle," which I submitted to Chuck and Bill as a sample. Chuck said, "Masturbation and game theory, that sounds like a good fit for 'The Big Bang Theory.'"

8. \_\_\_\_\_

Not just that. Scientists will come to the show and sit in the audience. We'll often use them as extras in the background during cafeteria scenes. Stephen Hawking came once. He was happy to portray a version of himself who was petty and childish and enjoyed humiliating Sheldon at a game of online Scrabble.

9. \_\_\_\_\_

I went to grad school in analytic philosophy, which is culturally very much like science. We talk to our science adviser, David Saltzberg, a physics professor at U.C.L.A, who has a great sense of humor. We visit various schools and labs. Once we went to the control station for the Mars rover. That was the source of a number of jokes for Howard.

10. \_\_\_\_\_

Oh, yeah. They'll sometimes say they are grateful that because of what we're doing there will be a new generation of scientists 10 years from now: kids who watched the show and decided to become scientists because they liked the characters. That would be great. I think there should be more scientists and fewer lawyers. It's better to invent a plastic airplane than to sue somebody.

- a) **Other producers believed that nobody would want to watch a show about a bunch of nerds. Why was this assessment wrong?**
- b) **Your stories have a lot of insider jokes - how does your team know what's funny in science?**
- c) **Do you get fan mail from scientists?**
- d) **Aren't you stereotyping scientists by labeling them as misfits?**
- e) **You grew up in Brooklyn, right?**
- f) **How do the real scientists respond to your show?**
- g) **Do you sometimes hear from scientists who say, "Thank you for showing something about our lives"?**
- h) **How do you find the science content for your stories?**
- i) **How did you come to do the show?**
- j) **Do you read the professional journals?**
- k) **Was Harvard anything like your version of Caltech on "The Big Bang Theory"?**

\_\_\_\_\_/10

## Task two

You will read a press release about a self-healing polymer. For questions 1-5 circle correct answer, T for True or F for False. For questions 6-10 find words in the text that correspond to the definitions. (10 points)

### 'Terminator' Polymer: Self-Healing Polymer That Spontaneously and Independently Repairs Itself

Scientists report the first self-healing thermoset elastomer that requires no intervention to induce its repair. Selfhealing polymers mend themselves by reforming broken cross-linking bonds. However, the cross-linking healing mechanism usually requires an external stimulus.

Triggers to promote bond repair include energy inputs, such as heat or light, or specific environmental conditions, such as pH. Self-healing polymers that can spontaneously achieve quantitative healing in the absence of a catalyst have never been reported before, until now.

Ibon Odriozola previously came close when his group at the CIDETEC Centre for Electrochemical Technologies in Spain developed self-healing silicone elastomers using silver nanoparticles as cross-linkers. Unfortunately, an applied external pressure was required and the expensive silver component disfavored commercialization. But now they have achieved their goal to prepare self-healing elastomers from common polymeric starting materials using a simple and inexpensive approach.

An industrially familiar, permanently cross-linked poly(urea-urethane) elastomeric network was demonstrated to completely mend itself after being cut in two by a razor blade. It is the metathesis reaction of aromatic disulphides, which naturally exchange at room temperature, that causes regeneration.

Ibon stresses the use of commercially available materials is important for industrial applications. He says the polymer behaves as if it was alive, always healing itself and has dubbed it a "terminator" polymer -- a tribute to the shape-shifting, molten T-1000 terminator robot from the Terminator 2 film. It acts as a sealant or adhesive, displaying an impressive 97% healing efficiency in just two hours and does not break when stretched manually. David Mecerreyes, a polymer chemistry specialist at the University of the Basque Country in Spain, sees opportunities to use this elastomer to improve the security and duration of many plastic parts, for example in cars, houses, electrical components and biomaterials.

'The introduction of a room temperature exchangeable covalent bond in classic thermoset elastomers provides unique autonomous self-healing abilities without comprising the original material properties,' says Richard Hoogenboom, head of the Supramolecular Chemistry group at Ghent University in Belgium. 'Close resemblance of this novel self-healing thermoset elastomer with current commercial materials makes it highly interesting for extending the lifetime of such materials.'

Future work by the group will concentrate on stronger polymeric materials as the current poly(urea-urethane) composite is relatively soft.

- |   |       |
|---|-------|
| 1. The silver-based elastomer does not need external stimulus to induce its repair. | T / F |
| 2. Manufacturing cost disqualified the silver-based elastomer's commercialization.  | T / F |
| 3. Improved elastomer can repair itself without applying heat.                      | T / F |
| 4. David Mecerreyes envisions domestic application for the invention.               | T / F |
| 5. The invented material is characterized with remarkable strength.                 | T / F |

- |  |       |
|--|-------|
| 6. something that is the cause of a particular reaction or development (par. 2)              | _____ |
| 7. an act, a statement or a gift that is intended to show your respect or admiration (par.5) | _____ |
| 8. heated to a very high temperature so that it becomes liquid (par. 5)                      | _____ |
| 9. a substance that you use to make things stick together (par. 5)                           | _____ |
| 10. the period of time during which a device or material remains operational (par. 7)        | _____ |

\_\_\_\_\_/10

### PART THREE: USE OF ENGLISH (20 points).

#### Task one

For questions 1-10, complete the gaps in the following sentences with ONE word only.  
Contractions count as one word. (10 points)

1. The furniture \_\_\_\_\_ been already assembled at the exhibition site – we need a bigger truck.
2. This \_\_\_\_\_ to be my favorite place to hang out with my friends, when I was at high school.
3. I wish you \_\_\_\_\_ more sensitive to your grandmother.
4. \_\_\_\_\_ bag he had found in the airport turned out to contain drugs.
5. If he \_\_\_\_\_ been so nervous, he'd have passed the driving test.
6. The man at the door \_\_\_\_\_ be my uncle – my uncle is much taller.
7. This man is \_\_\_\_\_ to have killed 3 people in Portland last summer.
8. If I were more cautious, I wouldn't \_\_\_\_\_ had this stupid accident.
9. The President was accused \_\_\_\_\_ accepting a bribe.
10. I regret \_\_\_\_\_ admit, but your project is much better than mine.

\_\_\_\_\_/10

#### Task two

For questions 1-5, complete the second sentence so that it has a similar meaning to the first sentence, using the word given. Do not change the word given. (5 points)

1. Although I'm not fluent in English, I got a job in Microsoft's London office. **despite**  
I got a job in Microsoft's London office \_\_\_\_\_ in English.
2. My brother had to learn to obey orders after he had joined the army. **used**  
My brother had to \_\_\_\_\_ orders after he had joined the army.
3. You were driving under the influence – it's obvious the police arrested you! **driving**  
If only you \_\_\_\_\_ the influence!
4. We should leave now – it's getting a little late. **better**  
We \_\_\_\_\_ now – it's getting late.
5. I didn't learn for the test and so I don't know how to do this task. **wish**  
I \_\_\_\_\_ for the test – I would know how to do this task then.

\_\_\_\_\_/5

#### Task three

For questions 1-5, circle the right answer.

1. The \_\_\_\_\_ decided to call a strike over pay and the factory was closed for almost a week.  
a) union            b) charity            c) club            d) institution
2. This jacket looks great on you! And it \_\_\_\_\_ your shoes!  
a) matches            b) suits            c) fits            d) goes

3. I was \_\_\_\_\_ almost two hundred euro for the car's repair.

- a) charged            b) cost                    c) done                d) spent

4. Scientists still need to find a \_\_\_\_\_ for cancer.

- a) therapy            b) remedy                c) cure                d) healing

5. Apparently the robber took \_\_\_\_\_ of the open window and got inside that way.

- a) opportunity      b) occasion                c) chance              d) advantage

\_\_\_\_\_/5

### PART FOUR: WRITING (20 points)

Choose ONE of the following topics. Write between 150 and 200 words.

1. You are head of a Student's Scientific Society. For the past six months an Erasmus student from Dublin has been participating in your team's project and has made a great contribution to your success. As he is going to return to Ireland soon, he asked you to write a letter of recommendation for him. Write a semi-formal e-mail to your equivalent at Dublin University and recommend your colleague for the position of junior project manager.
2. The company you have always dreamt of working for announced internship program to start next month. Don't hesitate – write a formal letter of application including standard issues (educational background, experience and motivation) as well as something more personal so that you stick out of the crowd.

TOPIC NUMBER: \_\_\_\_\_

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I wrote \_\_\_\_\_ words.

<b>Organisation 0-5 points</b>	<b>Accuracy 0-6 points</b>	<b>Range 0-6 points</b>	<b>Register 0-3 points</b>	<b>Total 20 points</b>