

**Together – Ensemble – Împreună: Culorile Diversității**

**TECHDDICTED, 18<sup>th</sup> of May 2023**

**TEST 2 (A1- A2/ IX-X)**

**I. Read the text below. Are the sentences 1-5 “Right” (A) or “Wrong” (B)? If there is not enough information to answer “Right” (A) or “Wrong” (B), choose “Doesn’t say” (C).  
Mark A, B, or C on your exam sheet. 20 points**

Social Media

Some people are saying that social media is harming our lives. Twenty years ago, people talked to each other, but now they message instead of talking. Many people worry too much about what others think. They post photos and want everyone to like the photo and they get sad if people do not like it.

Maybe people should take a break from social media to live real life. It would be better for people to like each other instead of liking online 'likes'. Also, there is a lot of fake news and there are many posts telling lies about people. This is a global problem.

Several parents are banning their children from using social media, but it is not all bad, as it helps to connect people in the world.

1. Social Media is becoming a problem.

A. Right    B. Wrong    C. Doesn't say

2. More people are talking face to face now.

A. Right    B. Wrong    C. Doesn't say

3. Many people don't care about how others feel about them.

A. Right    B. Wrong    C. Doesn't say

4. People post lots of photos about food.

A. Right    B. Wrong    C. Doesn't say

5. There are lots of untrue stories online now.

A. Right    B. Wrong    C. Doesn't say

**II. Use the word given in capitals at the end of each sentence to form a word that fits in the gap. There is an example at the beginning (0). 10 points**

- 0 You need special *equipment* to go diving. EQUIP
- 1 The ..... of the new stadium will be next September. COMPLETE
- 2 The books he wrote about famous engineers are his greatest ..... ACHIEVE
- 3 I'm not sure what her .....is, but she really wants to succeed. MOTIVATE
- 4 He is famous for his ..... as a software developer. ACCOMPLISH
- 5 In the USA, around 200 million ..... music downloads take place yearly. LEGAL
- 6 The app is called Safety Tips and it gives users real-time earthquake and tsunami.....WARN
- 7 We watched a ..... on TV last night about climate change. It had a lot of new statistics and it was quite scary. DOCUMENT
- 8 When the comedian told the joke, the whole auditorium was filled with ..... LAUGH
- 9 Both company managers put their ..... at the bottom of the document. SIGN
- 10 A new ..... centre is being built outside the town. INDUSTRY

**III. For sentences 1-10, read the text below and choose the correct answer. Mark A, B, or C on your exam sheet. There is an example at the beginning (0). 10 points**

**Computer problems**

The day (0) *was going* extremely well, until I (1) ..... an unusual email from a mysterious person who I had never written to. In the email, it was (2) ..... that I had won a large sum of money. I began to get very excited about it so without hesitation I (3) ..... on the link to find out how much money I had won.

Suddenly, my computer screen began to flash on and (4) ..... I (5) ..... to panic, as it was quite clear that I had (6) ..... a virus from the email. After a while, the flashing stopped and my computer completely shut (7) .....

After several attempts, I was (8) ..... to boot it up again. Then I realized that I had an ICT assignment entitled 'Preventing Computer Viruses' due the next morning. The only thing that I (9) ..... was to write it the old fashion way on a piece paper. I (10) ..... my ICT teacher wouldn't be happy at school in the morning, but there was not much that I could do.

- 0 A. has                      B. having                      C. *was going*
- 1 A. receive                      B. received                      C. wrote
- 2 A. say                      B. state                      C. mentioned
- 3 A. clicked                      B. pushed                      C. click

- 4 A. at B. off C. in
- 5 A. begin B. started C. initiate
- 6 A. get B. catch C. activated
- 7 A. in B. off C. down
- 8 A. unable B. possible C. able
- 9 A. Think B. could do C. imagine
- 10 A. knew B. recognize C. know

**IV. Choose the correct answer. Mark A, B, C, or D on your exam sheet.**

**20 points**

**1. An icon should show the ..... on the screen when you press "Play" on the iPod.**

- A. display
- B. stand
- C. face
- D. play

**2. Use your ..... to click on the icons.**

- A. tower
- B. keyboard
- C. mouse
- D. buttons

**3. When you finish using my tablet, please could you..... on my desk?**

- A. put it back
- B. take it back
- C. hold it
- D. get it over

**4. Lucy .....off her computer, put on her coat and left the office.**

- A. power
- B. turning
- C. switched
- D. put

**5. I often ..... in online games like *Brawl Stars* with my friends.**

- A. participating
- B. take part
- C. give
- D. offer

**6. Video games can ..... many benefits, such as improving memory and creativity.**

- A. argue
- B. destroy
- C. provide
- D. multiply

**7. The scientists ..... a lot of research on the topic and published the results in a guide.**

- A. did
- B. make
- C. had
- D. will do

**8. I prefer to ..... a smartphone rather than a computer.**

- A. had
- B. use
- C. having
- D. using

**9. Video games can sometimes ..... a positive effect on teenagers.**

- A. have
- B. offer
- C. imply
- D. damage

**10. The amount of violence in video games can ..... concern for a lot of parents.**

- A. be
- B. implied
- C. cause
- D. had

NOTĂ: Toate subiectele sunt obligatorii.

Timp de lucru: 60 minute

Nu se acordă puncte din oficiu.

Total: 60 puncte

**Together – Ensemble – Împreună: Culorile Diversității**

***TECHDDICTED, 18<sup>th</sup> of May 2023***

***TEST 2 (A1- A2/ IX-X)***

***BAREM DE CORECTARE ȘI NOTARE***

**SUBIECTUL I – 4 puncte x 5 itemi = 20 puncte**

1. A; 2. B; 3. B; 4. C; 5. A.

**SUBIECTUL II – 1 punct x 10 cuvinte = 10 puncte**

1. completion; 2. achievement; 3. motivation; 4. accomplishment; 5. illegal; 6. warnings;  
7. documentary; 8. laughter; 9. signature; 10. industrial.

**SUBIECTUL III – 1 punct x 10 cuvinte = 10 puncte**

1. B; 2. C; 3. A; 4. B; 5. B; 6. C; 7. C; 8. C; 9. B; 10. A.

**SUBIECTUL IV – 2 puncte x 10 itemi = 20 puncte**

1. A; 2. C; 3. A; 4. C; 5. B; 6. C; 7. A; 8. B; 9. A; 10. C

**TOTAL PROBA SCRISĂ: 60 PUNCTE**

**Together – Ensemble – Împreună: Culorile Diversității**

**TECHDDICTED, 18<sup>th</sup> May 2023**

**TEST 1 (B1-B2/ XI-XII)**

**I. Read the text below. For questions 1-10, choose the answer (A, B, C, or D) which you think fits best according to the text. 20 points**

Are you interested in science? What do you think about self-repair technology?

In the first *Terminator* movie, there is a moment when this metal machine from the future begins to repair his mechanical arm. The Terminator's capacity for self-repairing is an exercise of frightening intelligence that transforms this brutal killing machine into something living, something more human. The ability of non-human things to interact with the environment and repair themselves surprises and fascinates many people. This is perhaps one reason for the extraordinary media interest around the research being done by Professor Duncan Wass and his team of researchers at the University of Bristol. They have developed a self-repairing material that could be used to fix the wings and body of aeroplanes.

This idea originally began in a casual conversation. Professor Wass, from the university's School of Chemistry, was chatting to his colleagues in aerospace engineering. 'I'm a chemist and the engineers were saying they had a problem,' he explains. One of the particular problems they had is that materials get damaged – that could be small objects from a runway flying up and damaging the body of an aeroplane, or a bird hitting the plane – it can be very difficult to detect the damage and repair it.

Over the last ten years composite materials have become very important materials in aircraft building – they are strong and light, providing better fuel efficiency, saving money and the environment. The Boeing 787 Dreamliner achieved its fuel efficiency partly through its fuselage being constructed from composite materials instead of aluminium. The energy industry also uses composite materials in constructing wind turbines.

Professor Wass and his team sat down with the engineers and found inspiration in the processes of the human body. 'If we get damaged, say if you cut your finger, there are mechanisms that repair that damage. These self-healing functions that we have, can we put them in an airplane wing? If you do that, you're not going to be able to repair a huge great hole in the airplane wing, but what we should be able to repair are the tiny cracks that lead to the problems later on.'

Their starting point was research into other work in the field; as Wass says, ‘you realise that lots of people have been looking at self-healing in all sorts of systems. What I would say is that a lot of what’s gone on before works really well in the lab – if you want to actually get it to work in real life you’d see some fundamental mistakes.’ Wass explains, ‘it’s taken us three years to do this, because there is lots of hard work in the lab to get something that really works.’

So when an excited media asks when the work is going to be incorporated in an aeroplane, it really depends on commercial issues. ‘I can have something that is ready to go, but that doesn’t address the commercial challenges and the will within industry to actually apply this as well,’ says Professor Wass. In any case, because of the safety issues, aeroplanes are the most challenging application of the technology, says Wass. Offshore wind turbines are another possible application as they are difficult to get to and repair. He also lists other materials: ‘bicycle frames or sports equipment [are] generally where you can imagine this being used.’ But excitable media have highlighted other potential applications – smartphone screens and self-healing nail polish. ‘If you look round the web you will see people claiming we are saying we will repair those things,’ says Professor Wass. ‘That’s the press inventing their own stories, I didn’t realise it was such an issue! We’d need to find a slightly different way to do it, but it would be great if we could solve that.’

([learnenglishteens.britishcouncil.org/uk](http://learnenglishteens.britishcouncil.org/uk))

- 1. Professor Duncan Wass is**
  - A. an aerospace engineer
  - B. a movie director
  - C. a chemist
  - D. an aeroplane pilot
  
- 2. Professor Wass and his team of researchers**
  - A. have transformed a brutal killing machine into something more human
  - B. have developed a material that could result in aeroplanes being able to repair themselves
  - C. have designed the Boeing 787 Dreamliner
  - D. have managed to repair a huge great hole in the airplane wing
  
- 3. The idea for this project came**
  - A. from an official meeting between chemists and engineers
  - B. from an article published by Bristol University Press
  - C. after watching the first Terminator movie
  - D. quite by chance while Professor Wass was talking to his colleagues
  
- 4. Composite materials have become very important materials in aircraft building because**
  - A. they include aluminium
  - B. the energy industry also uses them in constructing wind turbines
  - C. they help to save money and help the environment
  - D. they increase aircraft speed
  
- 5. The self-healing functions of this material mean that**
  - A. all types of damage and holes can be easily repaired

- B. only tiny cracks can be repaired
- C. only huge great holes can be repaired
- D. tiny cracks cannot be repaired, thus leading to more serious problems later on

6. Professor Wass says that he has developed
- A. a self-repairing smartphone screen
  - B. self-healing nail polish
  - C. a new type of wind turbine
  - D. a self-repairing material

7. There is a lot of media interest in
- A. the research being done by Professor Wass
  - B. offshore wind turbines
  - C. bicycle frames and sports equipment
  - D. commercial issues

8. Aeroplanes are the most challenging application of the technology because of
- A. the safety concerns
  - B. the commercial challenges
  - C. their advanced design
  - D. excessive fuel consumption

9. Professor Wass and his team were inspired by
- A. the Terminator’s capacity for self-repairing
  - B. the self-healing power of the human body
  - C. a successful TV program
  - D. the rapid advancements in the field of robotics

10. Whether the new technology can be used on planes depends on
- A. Professor Wass and his team’s approval
  - B. commercial issues
  - C. the media
  - D. the University of Bristol

**II. Use the word given in capitals at the end of each line to form a word that fits in the space in the same line. There is an example at the beginning (0). 10 points**

<p>Mobile phones have increased in (0) <i>popularity</i> over the last few years, and these days almost everyone has one. We (1) ..... use them for all sorts of different things. Soon, however, (2) .....such as exactly where you are, to the (3) .....few metres, may be available through a mobile. This could be extremely (4) ..... if you got lost, say when driving a car. There is now no (5) ..... reason why your phone shouldn’t also be able to tell you that you are entering an area of high (6).....activity. Such technology has been available to (7) ..... such as the police and pilots for a long time, but now</p>	<p><b>POPULAR</b> <b>CURRENT</b> <b>INFORM</b> <b>NEAR</b> <b>USE</b> <b>SCIENCE</b> <b>CRIME</b> <b>SPECIAL</b></p>
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<p>that the (8) .....costs of such equipment have come down, mobile phone companies are looking at the (9) .....of offering these services to the public. In their (10) ....., there will be a great demand for such services. It remains to be seen, of course, whether the public agrees.</p>	<p><b>FINANCE SUITABLE JUDGE</b></p>
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**III. For questions 1-10, read the text below and think of the word which best fits each space. Use only *one* word in each space. There is an example at the beginning (0). 10 points**

If you're (0) *anything* like most people, you probably enjoy posting on social media. Maybe you hope to create a particular kind of (1) .....of yourself, or intend to show others what (2) .....taste you have! You're probably not planning to provide information that could be used (3) .....you in the future, but every time you post online or 'like' something, you're agreeing to share that personal information with the world!

Most of us avoid revealing too much about (4) .....face to face, but for some reason, we don't mind (5) .....this online! Everything you decide to make (6) .....on the internet helps to build a very detailed picture of who you are and what you believe – and we're failing to understand that this helps companies guess your age, gender, education, political views and much more!

Of course, most social media companies refuse to guarantee (7) .....for users. After all, we are their product. What they (8) .....is the information we give them! (9) .....this, I recommend using science to help us gain control over our data! Sites could warn us of the risks we are (10) .....when we post certain kinds of information, for example. Failing that, of course, we could all just consider posting less!

**IV. Choose the correct answer: 20 points**

1. The victim of the flood .....for hours and he was exhausted.

- A. swim
- B. did swim
- C. had swum
- D. had been swimming

2. It's high time we .....for the cinema or we'll miss the start of the film!

- A. leave
- B. left
- C. to leave
- D. are leaving

3. She asked if I was interested .....developing apps.

- A. in
- B. about
- C. for

D. of

4. He's been .....since he found out that he failed his exams.

- A. sick and tired
- B. down in the dumps
- C. as fit as a fiddle
- D. under the weather

5. Look! Someone's left .....MP3 player on the table over there.

- A. -
- B. a
- C. an
- D. the

6. We only have a few tables outside our café because there isn't ..... .

- A. many rooms
- B. much room
- C. no room
- D. a lot of rooms

7. In Tokyo, you can connect to the Internet .....in other countries.

- A. as easily than
- B. the most easily than
- C. more easier than
- D. more easily than

8. Mr Jones is going to test us after we .....this unit.

- A. finish
- B. will finish
- C. are finishing
- D. will have finished

9. Gemma has been on Facebook .....2011.

- A. for
- B. already
- C. since
- D. in

10. How do you .....in to this website?

- A. take
- B. sign
- C. hang
- D. turn

**NOTĂ:** Toate subiectele sunt obligatorii. Timp de lucru: 90 minute. Nu se acordă puncte din oficiu. Total: 60 puncte



# LICEUL TEHNOLOGIC DE MECATRONICA SI AUTOMATIZARI

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**Together – Ensemble – Împreună: Culorile Diversității**

***TECHDDICTED, 18<sup>th</sup> May 2023***

***TEST 1 (B1- B2/ XI-XII)***

***BAREM DE CORECTARE ȘI NOTARE***

**SUBIECTUL I – 2 puncte x 10 itemi = 20 puncte**

1. C; 2. B; 3. D; 4. C; 5. B; 6. D; 7. A; 8. A; 9. B; 10. B.

**SUBIECTUL II – 1 punct x 10 cuvinte = 10 puncte**

1. currently; 2. information; 3. nearest; 4. useful; 5. scientific; 6. criminal; 7. specialists;  
8. financial; 9. suitability; 10. judgement.

**SUBIECTUL III – 1 punct x 10 cuvinte = 10 puncte**

1. image; 2. good; 3. against; 4. ourselves; 5. doing; 6. public; 7. privacy; 8. sell; 9.  
Given; 10. taking.

**SUBIECTUL IV – 2 puncte x 10 itemi = 20 puncte**

1. D; 2. B; 3. A; 4. B; 5. C; 6. B; 7. D; 8. A; 9. C; 10. B

**TOTAL PROBA SCRISĂ: 60 PUNCTE**

Scoala Europeana



Scoala MaST-TOP

# LICEUL TEHNOLOGIC DE MECATRONICA SI AUTOMATIZARI

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**Together – Ensemble – Împreună: Culorile Diversității**

***TECHDDICTED, 18 Mai 2023***

***BAREM DE CORECTARE ȘI NOTARE***

***PROBA ORALĂ***

## ***MODERN TECHNOLOGY – FRIEND OR FOE? GROWING UP IN THE DIGITAL AGE***

- Expune cu precizie o serie de elemente distincte legate de tema propusă, producând un discurs bine structurat și coerent (7 puncte);
- Dezvoltă o argumentație clară, susținându-și punctul de vedere cu argumente și exemple pertinente (7 puncte);
- Se exprimă fluent, dovedind o pronunție și o intonație clare și firești (6 puncte);
- Folosește eficient un vocabular adecvat temei și un repertoriu variat de conectori (7 puncte);
- Utilizează corect forme și structuri gramaticale variate (7 puncte);
- Stabilește un contact social adecvat situației de comunicare și interacționează cu membrii comisiei de examinare, formulând răspunsuri adecvate atunci când acestea sunt solicitate (6 puncte).

**TOTAL PROBA ORALĂ: 40 PUNCTE**

**NOTĂ:** Nu se acordă puncte din oficiu.

Durata prezentării: 3-5 minute