

Group B, max. 80 points

USE OF ENGLISH I

I Complete the text below with the appropriate present simple or present continuous form of the verbs in brackets (8):

Dabs.com is a large long-established British traditional mail order computer dealer which is moving(move) with the times into the world of e-tailing, i.e., selling computer products from our Web site. Our sales are (be) about £100 million per annum which puts(put) us in the Top 20 in the UK. Our company is dealing (deal) with over 500,000 customers and sells (sell) over two million items. We are growing (grow) rapidly and at the present we employ (employ) nearly 2000 staff, a large proportion of which is (be) in the customer service.

II Make a question for each answer in italics (5)

1. _____?

I come from a *little town called Zug near Zurich.*

2. _____?

I work for *Syngenta.*

3. _____?

No, not at the moment. But we will start taking on *new staff* again in May,

4. _____?

I think he is a *designer.*

5. _____?

To be a designer you need to be *creative and hard working.*

III Complete the extract choosing from there verbs. There are more verbs than you need (4): set up, run, launch, choose, total, offer

In 1992 Bell _____ free installation of applications software as a standard option and in 1993 _____ the low-priced Explorer PCs, one of the most highly praised systems in the industry. In 1995 Bell _____ an internet computer store, through its website www.bell.com. Last year sales _____ more than \$10 million a day.

IV Rewrite each of these statements using the appropriate modal verb to produce a statement of the same meaning (5)

1. Is it necessary to be able to use C++?
2. Is it forbidden for you to make unauthorised copies of software?
3. Company guests are advised not to enter the room without the followers.
4. It was required from you to have the experience with mainframes.
5. It is not necessary for him to have a degree in computer science.

V Put the verbs in brackets in correct verb form using past simple, present perfect simple, or present perfect continuous (8)

Mary Morris applied for her passport last month because she will soon be leaving on a trip that she _____ (dream) about for many years. She _____ (work) as a receptionist at Ardmore's Travel Agency for ten years. So she _____ (decide) to take an overseas trip herself.

As she _____ (plan) her trip, she _____ (make) her flight plans and _____ (reserve) hotel rooms. Mary doesn't have to pay for her plane tickets because she _____ (work) at the travel agency for so long. She _____ (want) to take this trip for a long time.

VI Complete the sentences with the correct form of the past simple or past continuous (10).

A: I'm organizing some things for the office party next month.

B: Really? I can help you with the organization.

A: Thanks a lot. Could you check the list and tell me how many _____ (people/come)?

B: No problem. I _____ (check) this afternoon.

A: And can you email everyone on the list to say that I _____ (send) out details by the end of next week?

B: OK. _____ (you/email) details of the menu? Remember we had some complaints last year.

A: Good idea. I will do that in case people want to make some changes. And one final thing, according to my schedule, a jazz ensemble _____ (play) from 8 to 10 pm.

VII Look through the notes about the building of a new hotel and leisure complex. Say what will be happening and what will have happened at each of the times below (5).

April – June	clear site and lay foundations
July – Sept	build central hotel
Oct – Dec	put up the, 20 guest cottages in grounds
Jan – Mar	finish golf course and other sporting facilities
April 5	first guests arrive

1. In May, we _____
2. By the end of June, we _____
3. In August, we _____
4. By the end of December, we _____
5. In February, we _____

VIII Rewrite these questions, starting with the words given (4).

1. "Do I have the right qualifications?"
I would like to know _____?
2. "What frustrating problem does the Bluetooth solve?"
Can you tell me _____?
3. Why did you leave your previous employer?
May I ask _____?
4. What are your plans for the future?
Could you tell me _____?

IX Make questions and answers using present simple and present perfect simple or present perfect continuous?(2)

1. Why/you/be/angry? _____
I/wait/for you since 6 o'clock. _____

2. Why/you/be/upset? _____
I/just fail/driving test _____

X Make direct questions about the following (5):

1. Company/you/work _____
2. How long/current job? _____
3. Previous job _____
4. Number of years in IT sector _____
5. Strengths and weaknesses _____

XI Explain the following terms (4):

Edutainment –

Expert system –

Telecommute –

Information superhighway –

XII Put the words in the following table and use them to write a definition of *Electrical engineering* and *Electronic engineering* (4):

Computers, integrated circuits, large-scale electrical systems, motor control, power transmission, small-scale electrical systems, transmit energy, transmit information

Electrical engineering	Electronic engineering

Electrical engineering –

Electronic engineering –

XIII Complete the table (3):

Noun	Adjective
therm (?)	
volt	
electricity	

XIV Translate the following sentences into English (7)

1. Naizmjenicna struja je na kraju zamijenila jednosmjernu struju u proizvodnji i distribuciji elektricne energije sto je dovelo do ekspanzije elektroprivrede svuda u svijetu ???????????
elektricne energije

2. Mozete li mi reci koji faktori odlucuju da li je mjesto prikladno za vjetro farmu?
3. Koji tipovi racunarskih sistema su dostpuni ljuimda na udaljenim lokacijama upotrebom elektronske ucionica ili salu za sastanke?
4. Umrezavanja je nacin omogucavanja inace nekompatibilnim sistemima da kominiciraju i dijele resurse.
5. Bezbjedan sistem treba da obezbijedi nekoliko garancija kao sto su povjerljivost, integritet i dostupnost podatakam kao i autenticnost i poricanje.
6. Do 2030. godine racuanri ce postati efikasnij i mocniji u pogledu inteligencije i kolicine podataka koje mogu pograniati
7. Pamente masine su dizajnirane da bi preuzele neke od osnovnih zadataka koje su prethodno obavljani ljudi, cineci zivot malo laksim i malo ugodnijim.

XV Write a formal email

You cannot attend the meeting because you will be out of the office that day. Write an email to your client David Gavino. In your email:

- apologise for not being able to attend the meeting (give date and time)
- explain why you will be out of the office
- suggest another day you could meet

13.02.2024. Engleski 1

1. Complete the text below with the appropriate present simple or present continuous form of the verbs in brackets(8):

Dabs.com is a large long-established British traditional mail order computer dealer which is moving (move) with the times into the world of e-tailing, i.e. selling computer products from our web site. Our sales are (be) about \$100 million per annum which puts (put) us in the top 20 in the UK. Our company deals (deal) with over 500000 customers, and sells (sell) over two million items. We are growing (grow) rapidly and at the present we employ (employ) nearly 2000 staff, a large proportion of which are (be) in customer service. are employing

2. Make a question for each answer in Italics (5):

1. *Where do you come from?*

I come from a little town called Zug, near Zurich.

2. *Who do you work for?*

I work for Syngenta.

3. *Are you employing at the moment?*

No, not at the moment. But we will start talking on new staff again in May.

4. *What is his job?*

I think he is a designer.

5. *What qualities do you need to have to be a designer?*

To be a designer you need to be creative and hard working.

3. Complete the extract choosing from there verbs. set up, run, launch, choose, total, offer

In 1992 Bell offered free installation of applications software as a standard option and in 1993 launched the low-priced Explorer PCs, one of the most highly praised systems in the industry. In 1996 Bell set up an Internet computer store, through its website www.bell.com. Last year sales total more than \$10 million a day.

4. Rewrite each of these statements using the appropriate modal verb to produce a statement of the same meaning.

1. Is it necessary to be able to use C++?

You have to be able to use C++

2. It is forbidden for you to make unauthorised copies of software.

You mustn't make unauthorised copies of software.

3. Company guests are advised not to enter the room without the followers.

Company guests shouldn't enter the room without the followers.

4. It was required from you to have the experience with mainframes.

You need to have the experience with mainframes

5. It is not necessary for him to have a degree in computing science.

He doesn't need to have a degree in computing science.

5. Put the verbs in brackets in correct form using past simple, present perfect simple or present perfect continuous.

Mary Morris applied for her passport last month because she will soon be leaving on a trip that she dreamed (dream) about for many years. She has been working (work) as a receptionist for ten years. So she has decided (decide) to take an overseas trip herself.

has been dreaming

After she planned (plan) her trip, she made (make) her flight plans and reserved (reserve) hotel room. Mary doesn't have to pay for her plane tickets because she has been working (work) at the travel agency for so long. She has been wanting (want) to take this trip for a long time.

6. Complete the conversation with the correct future form of the verbs in brackets.

A. I'm organizing some things for the office party next month.
B. Really? ...

A. Thanks a lot. Could you check the list and tell me how many people are (people/come)?

B. No problem. I will check (check) this afternoon. am going to send

A. And can you email everyone on the list to say that I will (send) out details by the end of next week?

B. OK. are you going to email details of the menu? Remember we had some complaints last year.

A. Good idea. I will do that in case people want to make some changes. And one final thing, according to my schedule, a jazz ensemble plays (play) from 8 to 10 pm.

7. Look through the notes about the building of a new hotel and leisure complex. Say what will be happening and what will have happened at each of the times below.

April - June	clear site and lay foundations
July - Sept	build central hotel
Oct - Dec	put up the, 20 guest cottages in grounds
Jan - Mar	finish golf course and other sporting facilities
April 5	first guests arrive

- 1 In May, we : will be clearing site and laying foundations
- 2 By the end of June, we: will have cleared site and lay foundation \Rightarrow 8
- 3 In August, we: will be building central hotel
- 4 By the end of December, we will have put up the,...
- 5 In February, we will be finishing golf course....

8. Rewrite these questions, starting with the words given(4)

1. "Do I have the right qualifications?"
I would like to know if I have the right qualifications?
2. "What frustrating problem does the Bluetooth solve?"
Can you tell me what frustrating problem the Bluetooth solves.
3. "Why did you leave your previous employer?"
May I ask why you left your previous employer
4. "What are your plans for the future?"
Could you tell me what your plans are for the future

9. Make questions and answers using present simple and present perfect simple or present continuous.

1. Why/you/be/angry? Why are you angry?
I wait/for you since 6 o'clock I have been waiting for you since 6 o'clock.
2. Why/you/be/upset? Why are you upset?
I just fail/driving test I have just failed driving test.

10. Make direct questions (5)

1. Company/you/work What company do you work for?
2. How long/current job? How long have you been at current job?
your

3. Previous job *What was your previous job?*
4. Number of years in IT sector *How many years have you been in IT sector?*
5. Strengths and weaknesses *What are your strengths and weaknesses?*

11. Explain the terms

- Eduainment - multimedia materials with a combination of educational and entertainment content
- Expert system - software that enables computers to "think" like experts
- Telecommute → use computers to stay in touch with the office
- Information superhighway - while working at home.

12. tabela i definicija za electronic i electrical engineering

13. pridjevi i imenice

noun	adjective
therm	thermal
volt	<u>voltatic</u>
electricity	electrical

Internet system designed to provide free, interactive access to vast resources for people all over the world

14. Translate

- Naizmjenična struja je na kraju zamijenila jednosmjernu.
- Mozete li mi reci koji faktori odlučuju da li je mjesto prikladno za vjetro farmu?
- Koji tipovi računarskih sistema su dostupni ljudima na udaljenim lokacijama upotrebom elektronskih ucionica ili salu za sastanke?
- umrežavanje je način omogućavanja inace nekompatibilnim sistemima da komuniciraju i dijele resurse
- Bezbedan sistem treba da obezbijedi nekoliko garancija kao što su poverljivost, integritet i dostupnost podataka, kao i autentičnost i neporicanje
- do 2030. godine računari će postati efikasniji i moćniji u pogledu inteligencije i količine podataka koje mogu pohraniti.
- pametne masine su dizajnirane da bi preuzele neke od osnovnih zadataka koje su prethodno obavljali ljudi čineći život malo lakšim i malo ugodnijim

15. Write a formal email(3)

you cannot attend the meeting because you will be out of the office that day. write an email to your client David Gavino. In your email:

- *apologise for not being able to attend the meeting (give date and time)
- *explain why you will be out of the office
- *suggest another day you could meet

16. Write your own CV (4)

14. Alternating current ^{eventually} replaced direct current.

2. Could you tell me what factors decide if a location is appropriate for wind farm?

3. What types of computer systems are available to people in remote locations using electronic classrooms or meeting rooms?

4. Networking is a way of enabling usually incompatible systems to communicate and share resources.

5. A secure system should provide several assurances such as confidentiality, integrity and ~~data~~ availability, as well as authenticity and non-repudiation.

I Complete the text below with the appropriate present simple or present continuous form of the verb in bracket (10)

Normally a political party (enjoy) a period of great popularity in its early years, then it (go) through a period of stability and (put) its ideas into practice. After that period, it (run) out of ideas, and the opposition (take) power. Now it (seem) that the present government (begin) to run into difficulties, and people (start) to criticise the Prime Minister. The newspapers (attack) other ministers because of the state of schools, public transport and hospitals, and the government (lose) popularity.

II Make a question for each answer in italics (5) // U zagradi je italic

1. The company's offices were (in the city centre). *Where were the company's offices?*
2. The workers disliked (their working conditions). *What did the workers dislike?*
3. All the company's customers came (from the local area). *Where did all the company's customers come from?*
4. No, the company had no presence (on the internet). *Did the company have presence on the internet?*
5. The company's products were (very old-fashioned). *Were company's products old-fashioned?*

III Complete the extract choosing from there verbs. There are more verbs than you need (5): have, say, decide, begin, employ, introduce, set up

In 1985, Simon Bell (begin) his computer business at the University of Southampton. In 1987 his company (introduce) the Z5000 machine which the magazine PC Journal (say) may become the next industry benchmark. The following year he (set up) an office in the United States and soon had offices in 28 countries.

IV Rewrite each of these statements using the appropriate modal verb to produce a statement of the same meaning (5)

1. It is possible the next generation of mobile phones will be introduced next year. *The next generation of mobile phones may be introduced...*
2. It was required from you to have good communication skills. *You need to have...*
3. It is not allowed for you to enter the room without protection clothes. *You mustn't enter the room...*
4. Is it necessary for you to work with IBM mainframes for at least two years? *You have to work...*
5. You are advised to discuss plans with your manager. *You should discuss...*

V Put the verb in brackets in correct verb form using present simple, present continuous, present perfect simple or present perfect continuous (8)

Jake (has been considering) changing career lately. Right now he (is thinking) about going to business school. He (has been) a UPS delivery man for five years now and he (wants) to have a "desk job". He actually (likes) being indoors. In his delivery job, he (has been) bored for the past year. For that reason he (has been reading) business magazines recently. Since he (started) to learn about the opportunities in the business world, he doesn't want to continue spending his life as a delivery man.

VI Complete the conversations with the correct future form of the verbs in the brackets (5).

BEFÜRCHTUNG (going to)
ZUFÜHRUNG

HABE BEFÜRCHTET
(will)

1. Would you like to come for dinner tomorrow?
Thanks but I am going to (see) a film with Paolo tomorrow.
2. Did you tell everyone about the meeting next week?
Sorry, I forgot. I will email (email) them straightaway.
3. What plans do you have for tonight?
I am going to meet (meet) friends.
4. What did you do about the job offer in the US?
Yes, I've decided. I will accept (accept) it.
5. Do you know when the conference is?
According to the schedule it starts (start) at 10 am.

VII Complete the sentences using future perfect or future continuous form (5)

1. On Friday at 4 p.m. Prof. Green will be giving (give) a presentation on alternative sources of energy.
2. By Sunday morning the participants will have attended (attend) two receptions.
3. By the end of the conference they will have discussed (discuss) many important issues.
4. I think in ten years time I will be working (work) as a software developer.
5. By 2030 atomic transistors will have replaced (replace) chips.

VIII Rewrite these questions starting with words given (4).

1. "How much do you travel in your present job?"
Could you tell me how much you travel in your present job?
2. "Is there anything you dislike about your job?"
We would like to know if there is anything...
3. "Does your partner have any benefits?"
Do you mind telling me if your partner has any benefits?
4. "What qualifications did you obtain?"
May I ask what qualifications you obtained?

IX Make questions and answers using present simple or present perfect continuous (2).

1. Why/you/be/hungry? Why are you hungry?
I/not eat/all day I haven't eaten all day.
2. Why/you/look/exhausted? Why do you look exhausted?
I/work/since 7 o'clock this morning I have been working since 7 o'clock.

X Make direct questions about the following (5):

1. Company/ you/ work What company do you work for?
2. How long/ current job How long have you been working at your current job?
3. When/ leave/ school When did you leave school?
4. Number of years in engineering How long have you been in engineering?
5. Strengths and weaknesses What are your strengths and weaknesses?

XI Use the word in brackets to form a word which fits in the sentence (6).

1. The weak audio signal entering a radio is amplified by the amplifier thus making it audible. (amplify)
2. Due to development in mobile telecommunications systems, a new generation of mobile phone is now available. (generate)
3. IC stand for integrated circuit. (integrate)
4. Computer software is reliable if it does what the manual says it should (rely)

5. One area of electronics is concerned with the storing of information. (store)
6. All electron systems consist of an input, a processor, an output and usually memory (electron).

XII Define these terms and say who invented them (3):

generator -
induction motor -
incandescent lamp -

XIII Translate the sentences into English (6):

1. Sposobnost stisnutih računarskih uređaja da kontrolisu kompleksne operacije transformisala je način na koji se mnogo zadataki obavljaju. Počevši od naučnog istraživanja do proizvodnje potrošačke robe.
2. Dramatično raspadanje motora aviona tokom leta izazvala je loše napravljena cijev za gorivo koja nije odgovarala standardima.
3. Do 2040. godine genetički inženjering i nanotehnologija će omogućiti da živimo 120 godina.
4. Kršenje sajber bezbjednosti je rezultat socijalnog inženjeringa čiji se napadi oslanjaju na manje tehnički zahtjevne tehnike prevaranata koji navode ciljanje žrtve da rade ono što oni žele.
5. Možete li mi reći da li ste ikada radili na sličnom projektu?
6. Postoji sve veća svijest o tehničkoj komponenti sajber bezbjednosti kao i o potrebi da se poboljša ljudski aspekt kako bi se umanjio rizik od potencijalnih napada socijalnog inženjeringa.

XIV (ne znam šta je bilo, ako je bilo) - -

XV Write a formal email

XVI Write your CV (4)

Naravno! Ovdje su odgovori za ceo test.

****USE OF ENGLISH I****

I. Complete the text below with the appropriate present simple or present continuous form of the verbs in brackets (8):

Dabs.com is a large long-established British traditional mail order computer dealer which ****is moving**** (move) with the times into the world of e-tailing i.e. selling computer products from our website. Our sales ****are**** (be) about £100 million per annum which ****puts**** (put) us in the Top 20 in the UK. Our company ****is dealing**** (deal) with over 500,000 customers and ****sells**** (sell) over two million items. We ****are growing**** (grow) rapidly and at the present we ****employ**** (employ) nearly 2,000 staff, a large proportion of which ****is**** (be) in the customer service.

II. Make a question for each answer in italics (5):

1. Where do you come from?

- I come from a little town called Zug near Zurich.

2. Who do you work for?

- I work for Syngenta.

3. Are you taking on new staff at the moment?

- No, not at the moment. But we will start taking on new staff again in May.

4. What is his job?

- I think he is a designer.

5. What qualities do you need to be a designer?

- To be a designer you need to be creative and hardworking.

III. Complete the extract choosing from these verbs. There are more verbs than you need (4): set up, run, launch, choose, total, offer

In 1992 Bell ****offered**** free installation of applications software as a standard option and in 1993 ****launched**** the low-priced Explorer PCs, one of the most highly praised systems in the industry. In 1995 Bell ****set up**** an internet computer store through its website www.bell.com. Last year sales ****totaled**** more than \$10 million a day.

IV. Rewrite each of these statements using the appropriate modal verb to produce a statement of the same meaning (5):

1. Is it necessary to be able to use C++?

- ****Do you have to**** be able to use C++?

2. Is it forbidden for you to make unauthorized copies of software?

- ****Are you not allowed**** to make unauthorized copies of software?

3. Company guests are advised not to enter the room without the followers.

- **Should company guests not enter** the room without the followers?

4. It was required from you to have the experience with mainframes.

- **Did you have to** have experience with mainframes?

5. It is not necessary for him to have a degree in computer science.

- **Does he not have to** have a degree in computer science?

V. Put the verbs in brackets in correct verb form using past simple, present perfect simple or present perfect continuous (8):

Mary Morris applied for her passport last month because she will soon be leaving on a trip that she **has dreamed** (dream) about for many years. She **has worked** (work) as a receptionist at Ardmore's Travel Agency for ten years. So she **decided** (decide) to take an overseas trip herself. As she **was planning** (plan) her trip, she **made** (make) her flight plans and **reserved** (reserve) hotel rooms. Mary doesn't have to pay for her plane tickets because she **has worked** (work) at the travel agency for so long. She **has wanted** (want) to take this trip for a long time.

VI. Complete the sentences with the correct form of the past simple or past continuous (10):

A: I'm organizing some things for the office party next month.

B: Really? I can help you with the organization.

A: Thanks a lot. Could you check the list and tell me how many **people are coming** (people/come)?

B: No problem. I **was checking** (check) this afternoon.

A: And can you email everyone on the list to say that I **will be sending** (send) out details by the end of next week?

B: OK. **Did you email** (you/email) details of the menu? Remember we had some complaints last year.

A: Good idea. I will do that in case people want to make some changes. And one final thing according to my schedule a jazz ensemble **will be playing** (play) from 8 to 10 pm.

VII. Look through the notes about the building of a new hotel and leisure complex. Say what will be happening and what will have happened at each of the times below (5):

1. In May we **will have cleared** the site and **laid** the foundations.

2. By the end of June we **will have cleared** the site and **laid** the foundations.

3. In August we **will be building** the central hotel.

4. By the end of December we **will have put up** the 20 guest cottages in the grounds.

5. In February we **will be finishing** the golf course and other sporting facilities.

VIII. Rewrite these questions starting with the words given (4):

1. Do I have the right qualifications?

- I would like to know **if I have the right qualifications**.

2. What frustrating problem does the Bluetooth solve?

- Can you tell me **what frustrating problem the Bluetooth solves**?

3. Why did you leave your previous employer?
- May I ask **why** you left your previous employer?

4. What are your plans for the future?
- Could you tell me **what** your plans for the future are?

IX. Make questions and answers using present simple and present perfect simple or present perfect continuous (2):

1. Why/you/be/angry?
- **Why** are you angry?
- **I have been waiting** for you since 6 o'clock.

2. Why/you/be/upset?
- **Why** are you upset?
- **I have just failed** my driving test.

X. Make direct questions about the following (5):

1. Company/you/work
- **Which company** do you work for?

2. How long/current job?
- **How long** have you been working at your current job?

3. Previous job
- **What** was your previous job?

4. Number of years in IT sector
- **How many years** have you been in the IT sector?

5. Strengths and weaknesses
- **What** are your strengths and weaknesses?

XI. Explain the following terms (4):

1. Edutainment – **A combination of education and entertainment, designed to make learning more enjoyable.**

2. Expert system – **A computer system that mimics the decision-making ability of a human expert.**

3. Telecommute – **Working remotely, usually from home, using telecommunications technology.**

4. Information superhighway – **A global network of information and communication technologies, including the internet.**

XII. Put the words in the following table and use them to write a definition of Electrical engineering and Electronic engineering (4):

| Electrical engineering | Electronic engineering |

-----	-----
large-scale electrical systems	small-scale electrical systems
power transmission	transmit information
motor control	integrated circuits
transmit energy	computers

- **Electrical engineering** is the branch of engineering that deals with large-scale electrical systems, power transmission, and motor control, focusing on the generation, transmission, and distribution of electrical energy.

- **Electronic engineering** is the branch of engineering that deals with small-scale electrical systems, transmit information, integrated circuits, and computers, focusing on the design and development of electronic devices and systems.

XIII. Complete the table (3):

Noun	Adjective
-----	-----
thermal	therm (?)
voltage	volt (?)
electricity	electrical

XIV. Translate the following sentences into English (7):

1. Naizmjenična struja je na kraju zamijenila jednosmjernu struju u proizvodnji i distribuciji električne energije što je dovelo do ekspanzije elektroprivrede svuda u svijetu.

- **Alternating current eventually replaced direct current in the production and distribution of electricity, leading to the expansion of the electric power industry worldwide.**

2. Možete li mi reći koji faktori odlučuju da li je mjesto prikladno za vjetro farmu?

- **Can you tell me what factors determine if a location is suitable for a wind farm?**

3. Koji tipovi računalnih sistema su dostupni ljudima na udaljenim lokacijama upotrebom elektronske učionice ili sala za sastanke?

- **What types of computer systems are available to people in remote locations using electronic classrooms or meeting rooms?**

4. Umrežavanje je način omogućavanja inače nekompatibilnim sistemima da komuniciraju i dijele resurse.

- **Networking is a way to enable otherwise incompatible systems to communicate and share resources.**

5. Bezbedan sistem treba da obezbedi nekoliko garancija kao što su poverljivost, integritet i dostupnost podataka, kao i autentičnost i poricanje.

- **A secure system should provide several guarantees such as confidentiality, integrity, and availability of data, as well as authenticity and non-repudiation.**

6. Do 2030. godine računari će postati efikasniji i moćniji u pogledu inteligencije i količine podataka koje mogu pohran

iti.

- **By 2030, computers will become more efficient and powerful in terms of intelligence and the amount of data they can store.**

7. Pametne mašine su dizajnirane da bi preuzele neke od osnovnih zadataka koje su prethodno obavljani ljudi, čineći život malo lakšim i ugodnijim.

- **Smart machines are designed to take over some of the basic tasks previously performed by humans, making life a little easier and more enjoyable.**

XV. Write a formal email:

Subject: Meeting Reschedule

Dear Mr. Gavino,

I hope this email finds you well. I am writing to inform you that, unfortunately, I will not be able to attend our scheduled meeting on [Date] at [Time] as I will be out of the office that day due to a prior commitment.

I sincerely apologize for any inconvenience this may cause. Could we possibly reschedule the meeting to [Suggested Date] at [Suggested Time]? Please let me know if this time is convenient for you, or if there is another time that works better.

Thank you for your understanding.

Best regards,

[Your Name]

[Your Position]

[Your Contact Information]

USE OF ENGLISH I

I Complete the text below with the appropriate present simple or present continuous form of the verbs in brackets(8):

Dabs.com is a large long-established British traditional mail order computer dealer which is moving(move) with the times into the world of e-tailing, i.e. selling computer products from our Web site. Our sales are(be) about \$100 million per annum which puts(put) us in the Top 20 in the UK. Our company deals(deal) with over 500,000 customers, and sells(sell) over two million items. We are growing(grow) rapidly and at the present we employ(employ) nearly 2000 staff. We don't have(not/have) any plans for new recruitments.

II Complete the sentences with the correct form of the past simple or past continuous (10).

I met(meet) Hekima when I went(go) to Africa seven years ago. We were(be) in Tanzania and we were making(make) a film about elephants. When we came(come), we saw(see) three young elephants. They were playing(play) together. After we finished the film we left Africa. I thought I'd never see Hekima again. But she didn't stay (not/stay) in Africa. I was working (work) in New York when I heard(hear) that she came to a zoo in the USA.

III Make opposites of the following words by adding the appropriate prefix (5)

- 1 correctincorrect.....
- 2 encryptdecrypt.....
- 3 adequateinadequate.....
- 4 economicaluneconomical.....
- 5 sufficientinsufficient

IV Complete the extract with using the following verbs (5): allow, prevent, enable, ensure

The core function of your GPS is to enable to locate your precise geographical position. To allow the device to function, it receives at least three signals from the GPS constellation which ensure receivers can function anywhere on earth. To enable Extremely precise positioning and prevent errors from occurring, this device is designed to receive four separate signals.

V Complete the text below with the appropriate present perfect simple or past simple form of the verbs in brackets (7):

I **haven't worked**(work) for Dat@ready since last summer. So far it **has been**(be) enjoyable and I **haven't**(not have) any difficulties. At the beginning I **expected**(expect) to have a lot of problems, though I thought I might not get on with my colleagues, but all of them **have been**(be) friendly and supportive since the very first day. Last week, for example, I **had to**(have to) meet some tight deadlines, which **was**(be) quite stressful.

VI Rewrite the sentences by putting verbs in the passive where appropriate (10).

Neural network look at the rules of using data. As a result, the software continually analyses value and compares it to the other factors, and it compares these factors repeatedly until it finds patterns. People know these patterns as rules. The software then looks for other patterns based on these rules or sends out an alarm when it hits a bigger value. Clustering divides data into groups based on similar features or limited data ranges.

1. The rules of using data are looked at by the neural network.
2. As a result, the value is continually analyzed by the software and compared to the other factors, and these factors are compared repeatedly until patterns are found.
3. These patterns are known as rules by people.
4. Other patterns are then looked for by the software based on these rules or an alarm is sent out when a bigger value is hit.
5. Data is divided into groups based on similar features or limited data ranges by clustering.

VII Rewrite these sentences in the passive (3).

1 You have to explain the procedure to me.

...**The procedure has to be explained to me by you.**.....

2 I have already given a set of diagrams.

...**A set of diagrams has already been given by me.**.....

3 Someone will demonstrate the game to the children.

...**The game will be demonstrated to the children by someone.**.....

VIII Fill each gap with a verb from the brackets, using the correct form of the Past Simple or the Past Perfect (7).

Nail said that Roy, who used to enjoy riding with him on his bike, followed (follow) him as he set off. He told the child to go back to his mother, and rode (ride) away. Meanwhile, Roy's mother thought that Roy had gone (go) with Neil. Nail believed Roy had stayed (stay) behind. It was (be) only some hours later, when Neil returned (return), that they realized Roy had vanished (vanish).

IX Complete the conversation with the correct future form of the verbs in the brackets (8)

1. Do you want something to drink?

Yes, thanks, I will have (have) a cup of coffee, please.

2. Would you love to come for dinner tomorrow?

Thanks, but I am going to see (see) a film with Paolo tomorrow.

3. Did you tell everyone about the meeting next week?

Sorry, I forgot. I will email (email) them straightaway.

4. Have you solved the IT problem yet?

We are going to discuss (discuss) it again at tomorrow's meeting.

5. Did you contact Elena about the marketing figures?

Not yet, I promise I will phone (phone) her before lunch.

6. What plans do you have for tonight?

I am going to meet (meet) friends.

7. What did you do about the job offer in the US?

I've decided! I am going to accept (accept) it.

8. Do you know when conference is?

According to the schedule, I will start (start) at 10 am.

X Complete the sentences using future perfect or future continuous form (4)

1. On Friday at 4 p.m. Prof. Green will be giving (give) a presentation on alternative sources of energy.

2. By Sunday morning the participants will have attended (attend) two receptions.

3. By the end of the conference they will have discussed (discuss) many important issues.

4. I think in ten years time I will be working (work) as software developer.

XI Complete the conditional sentences (4).

1. If you spilled coffee on your keyboard you would damage (damage) it.
2. You will find (find) Start button if you bring your cursor down to the very bottom.
3. If you don't use (not use) a better search engine you won't find more relevant results.
4. If there were (be) no other folders there you wouldn't have a little box here.

XII Translate the sentences into English (5).

1. Danas racunari u sistemima zastite rezultiraju sigurnijim okruzenjem, kod racunari u autima poboljsavaju energetska efikasnost.
2. Potreba da se razvije system obnovljive energije se smatra futuristickim tehnoloskim izazovima baziranim na koceptima koji postoje odavno.
3. Djelovanje vjetra na solarni stub moze takodje da proizvede silu uvrtnja.
4. Dramaticno raspadanje motora aviona tokom leta je izazvala lose napravljena cijev za gorivo koja nije odgovarala standardima.

Evo prijevoda rečenica na engleski:

- 1. Today, computers in security systems result in a safer environment, while computers in cars improve energy efficiency.***
- 2. The need to develop a renewable energy system is considered futuristic technological challenges based on concepts that have existed for a long time.***
- 3. The wind's impact on a solar column can also generate a twisting force.***
- 4. The dramatic breakdown of the airplane engine during the flight was caused by a poorly made fuel pipe that did not meet the standards.***

II Make a question for each answer (5).

1. ...Where do you come from?.....I come from the States.
2. ...What do you do?.....I am an agrochemicals specialist.
3. ...Who do you work for?.....I work for Syngenta.
4. ...What does company produce?.....The company produces crop protection products.
5. ...What are you working on?.....I am working on a special project.

V Complete the conversation with the correct future form of the verbs in the brackets (8).

A: I'm organizing some things for the office party next month.

B: Really? I will help (help) you with the organization.

A: Thanks a lot. Could you check the list and tell me how many are coming (people/come)?

B: No problem. I will check (check) this afternoon.

A: And can you email everyone on the list to say that I am going to send (send) out details by the end of next week?

B: OK. Are you going to email (you/email) details of the menu? Remember we had some complaints last year.

A: Good idea. I will do (do) that in case people want to make some changes. And one final thing, according to my schedule, a jazz ensemble plays (play) from 8 to 10 pm. Could you check that we've booked them?

B: Don't worry. I won't forget (not forget).

VI Complete the sentences using future perfect or future continuous form (4).

1. At 8 a.m. on Friday the participants will be attending (attend) a discussion.
2. By the lunchtime on Saturday the participants will have listened (listen) to three lectures.
3. At 2.30 on Saturday everyone I will be having (have) lunch.
4. In twenty years' time I will be changing (change) several jobs.

VII Complete the conditional sentences (4)

1. If you added more memory you speed up (speed up) the computer.
2. If he forgets (forget) to save data he will lose them all.
3. If you installed (install) a modem you would be able to connect to a telephone line.
4. If she doesn't send (not send) us data on time we will lose to our competitors.

VIII Translate the sentences into English (3).

1. Sposobnost sicusnih racunarski uredjaja da kontrolisu slozene operacije je transformisala nacin na koji se mnogi zadaci obavljaju, pocevsi od naucnih istrazivanja pa do proizvodnje potrosacke robe.
2. Sta moze analiticar da uradi da bi poboljskao rezultate pretrage podataka koja daje konkurensku prednost poslu?
3. Kada se elementi saviju, dvije suprotne sile djeluju: sabijanje na jednoj strain, a rastezanje na drugoj.

Evo prijevoda rečenica na engleski:

1. *Today, computers in security systems result in a safer environment, while computers in cars improve energy efficiency.*
2. *The need to develop a renewable energy system is considered futuristic technological challenges based on concepts that have existed for a long time.*
3. *The wind's impact on a solar column can also generate a twisting force.*
4. *The dramatic breakdown of the airplane engine during the flight was caused by a poorly made fuel pipe that did not meet the standards.*

I Complete the text below with the appropriate present perfect simple or past simple form of the verbs in brackets (7):

The board of directors of Medwat Medical Centre **announced** (announce) twelve months ago that an extension block would be built in the grounds beside the existing building. Although funding **has not yet been approved** (not yet be approved), ProTec Engineering **completed** (complete) the design. The hospital CEO, Mt Bernard Wilkes **released** (release) that design at a press conference yesterday. While the new building is designed to blend aesthetically with the older building, Mr Wilkes

emphasized(emphasis) yesterday that sustainability was one of the key design criteria. Green building technology has been incorporated (be incorporated) at all stages of the design, as we requested(request) at the beginning of the project.

II Complete the passage using either active or passive forms of the verb (10).

Whenever a disaster ...happens..... (happen) somewhere in the world, reporters and photographersare sent.....(send) there to interview people and take photos. The news reportscan be sent.....(can/send) by e-mail or over the phone and rolls of film ...are rushed back.....(rush back) to the office to be developed. The computerprints..... (print) out the page of news onto a piece of clean film whichis laid..... (lay) on a light-sensitive plate andexposed..... (expose) to a brief flash of light. A plateis made..... (make) for each page of the newspaper,wrapped.....(wrap) around a roller on the printing press andcoated..... (coat) with ink.

III Rewrite these sentences in the passive (3).

1. You should switch off your mobile phone during the flight.

.....Your mobile phone should be switched off during the flight.....

2. The board will discuss the proposal.

... The proposal will be discussed by the board.....

3. They have built a new extension.

...A new extension has been built by them.....

Complete the text below with the appropriate present simple or present continuous form of the verbs in brackets

Petar works(work) in the RSD department of the company Mercator Foods US where he leads(lead) a team of five responsible for all products under the brand name Souperbly. However, this week Peter is not in his office. He is supervising(supervise) the testing of an innovative range of soups and sauces, and is writing(write) a report. He enjoys(enjoy) his job and is proud at his company, indeed. Mercator

Foods is expanding (expand) rapidly. It has (have) branches in France and Iceland. Profit is increasing (increase) far beyond expectations. The Souperbly brand in particular is becoming (become) highly popular throughout Europe.

Put the verbs in brackets in the Past Simple or Past Continuous

When I last saw (see) her she was hurrying (hurry) along the road in the station. I asked her where she was going (go) and she said (say) London but I don't think she was speaking (speak) the truth because there was not (not be) any train for London at that time.

As we were coming (come) here a policeman stopped (stop) us. He said (say) that he was looking (look) for some stolen property and asked (ask) if he could search the car.

Rewrite each of these statements using the appropriate modal verb to produce a statement of the same meaning

1. It is possible the next generation of mobile phones will be introduced next year.

The next generation of mobile phones may be introduced next year.

2. It was required from you to have good communication skills.

You were supposed to have good communication skills.

3. It is not allowed for you to enter the room without protection clothes.

You must not enter the room without protective clothes.

4. You are advised to discuss plans with your manager.

You should discuss plans with your manager.

Put the verbs in brackets in correct verb form using Present Simple, Present Continuous, Present Perfect Simple or Present Perfect Continuous

Jake has been considering (consider) changing careers lately. Right now he is thinking (think) about going to business school. He has been (be) a UPS delivery man for five years and now he wants (want) to have a "desk job". He actually likes (like) being indoors. In his delivery job, he has been (be) bored for the past year. For that reason, he has been reading (read) business magazines recently. Since he started (start) to learn about the opportunities in the business world, he doesn't want to continue spending his life as a delivery man.

Complete the sentences using future perfect or future continuous form (5) :

1. On Friday at 4 pm Prof. Green **will be giving(give)** a presentation on alternative sources of energy.
2. By Sunday morning the participants **will have attended (attend)** two receptions.
3. By the end of the conference they **will have discussed (discuss)** many important issues.
4. I think in ten year's time I **will be working (work)** as a software developer.
5. By 2030 atomic transistors **will have replaced (replace)** chips.

Rewritte these question, starting with the words given.

- 1 "How much do you travel in your present job?"

Could you tell me how much you travel in your present job?

2. "How have you changed in the last five years?"

Could you tell me you have changed in the last five years?

3. "Is there anything you dislike about your job?"

We would like to know ***if there is anything you did were not fond of regarding your job?***

We would like to know ***is there anything you dislike about your job?***

4. "Does your partner have any benefits?"

Do you mind telling me if your partner has any benefits?

5. "What qualifications did you obtain?"

May I ask what qualifications you obtained?

Make question and answers using present simple, present perfect simple and present perfect

Continuous.

1. Why/you/be/hungry?.....**Why are you hungry?**

I/not eat/all day.....**I haven't eaten all day.**

2. Why/you/look/ exhausted?.....**Why do you look so exhausted?**

I/work/since 7 o'clock this morning.....**I have been working since 7 o'clock this morning.**

3. Why/you/look/worried?.....**Why do you look worried?**

I/just/hear/some bad news.**I have just heard some bad news.**

Put the verbs in brackets in the Past Simple or Past Continuous (7):

1. When I **walked** (walk) into the busy office, the secretary **was talking**(talk) on the phone with a customer, several clerks **were working**(work) busily at their desks.

2. As they **walked**(walk) along the road they **heard** (hear) a car coming from behind them. Tom **turned** (turn) round and **held** (hold) up his hand.

Match the terms with their explanations (5):

cache hit, cache controller, cache coherency, write-through cache, write-back cache

1. The process of writing changes only to the cache and not to main memory **write-back cache**

2. The processor is successful in finding the data in cache **hit**

3. The process of writing directly to both the cache and main memory **write-through cache**

4. The logic circuits used to control the cache process **cache controller**

5. Ensuring that any changes written to main memory are reflected within the cache and vice versa **cache coherency**

Rewrite each of these statements using the appropriate modal verb to produce a statements of the same meaning (5) :

1. It is necessary for you to be able to use C++.

You must be able to use C++.

2. It is forbidden for you to make unauthorized copies of software.

You must not make unauthorized copies of software.

3. Company guests are advised not to enter the room without the followers.

Company guests should not enter the room without the followers.

4. It was required from you to have the experience with mainframes.

You were required to have experience with mainframes.

5. It is not necessary for him to have a degree in computing science.

He doesn't need to have a degree in computing science.

Translate the following sentences into English (5) :

1. Tesla je razvio polifazni sistem naizmjenicne struje za prenos električne energije koji je donio struju u svaki dom i industriju u zemlji.
2. Koji je jedan od glavnih uzroka zbog kojih računar ne radi svojom maksimalnom mogućom brzinom?
3. Potreba tržišta za prenosom i obradom ogromnih količina informacija velikom brzinom.
4. Kada sam došao u kancelariju ona je već bila otišla.
5. Da li moraš da mijenjaš svoju lozinku na sedmičnoj osnovi?

1. Tesla developed a polyphase alternating current system for the transmission of electrical energy, bringing power to every home and industry in the country.
2. What is one of the main causes why a computer does not operate at its maximum speed?
3. The market's need for the rapid transmission and processing of vast amounts of information.
4. When I arrived at the office, she had already left.
5. Do you have to change your password on a weekly basis?

Put the verbs in brackets in correct verb form using past simple, present perfect simple or present perfect continuous

Mary Morris applied for her passport last month because she will soon be leaving on a trip that she **has been dreaming**(dream) about for many years. She **has been working**(work) as a receptionist at Ardmore's Travel Agency for ten years. So she **decided** (decide) to take an overseas trip herself.

After she **planned** (plan) her trip, she **made** (made) her flight plans and **reserved**(reserve) hotel rooms. Mary doesn't have to pay for her plane tickets because she **has worked**(work) at the travel agency for so long. She has wanted(want) to take this trip for a long time.

Make questions as if you were at the interview about the following:

Company.....

How long/current job.....

Previous job.....

Number of years in IT sector.....

Strengthes and weaknesses.....

1. Company:

- Can you tell me more about the company you currently work for or have worked for in the past?
- What attracted you to join the company you're currently with?

2. How long/current job:

- How long have you been in your current position?
- Could you elaborate on your responsibilities and achievements in your current role?

3. Previous job:

- What was your previous job, and what were your primary responsibilities?
- How did your previous experience contribute to your professional growth?

4. Number of years in IT sector:

- How many years of experience do you have in the IT sector?
- Can you highlight some key projects or milestones from your IT career?

5. Strengths and weaknesses:

- What do you consider to be your strengths in the workplace?
- Can you share an example of a situation where you turned a weakness into a learning opportunity?

Put the verbs in brackets in the past simple or past continuous:

TEFLON- Roy Plannkett made (make) the first batch of Teflon while he was working (work) for Du Pont. He was carrying out (carry) out research into coolant gases when he left (leave) one batch in a container overnight. He came back the next day to find that the gas had turned into teflon, the slipperies substance in the world.

PFIZERS LUCKY BREAK-Scientists at Pfizers labaratory in England were testing (test) a new heart drug called Viagra when they realized (realize) that, although it was of little use treating heart problems, it had some unexpected side-effects.

Look through the notes about building of new hotel and leisure complex. Say what will be happening and what will have happend at each of times below.

April-june	clear site and lay foundations
July-sept	build central hotel
Oct-dec	put up the 20 guest cottages in grounds
Jan-mar	finish golf course and other sporting facilities
April 5	first guests arrive

In May, we will be clearing the site and laying foundations.

By the end of June, we will have finished clearing the site and laying foundations.

In August, we will be building the central hotel.

By the end of December, we will have put up the 20 guest cottages in the grounds.

In February, we will be finishing the golf course and other sporting facilities.