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Оценочные материалы для промежуточной аттестации по дисциплине

Иностранный язык

Код, направление подготовки	09.03.04 ПРОГРАММНАЯ ИНЖЕНЕРИЯ
Направленность (профиль)	Программное обеспечение компьютерных систем
Форма обучения	очная
Кафедра-разработчик	иностранных языков
Выпускающая кафедра	автоматики и компьютерных систем

Типовые задания для контрольной работы:

Семестр 1

Контрольная работа №1

1. Put the verb in the correct form (Present Simple or Present Continuous).

- 1) The lecturer usually _____ (give) lectures every Monday morning.
- 2) Right now, the students _____ (compete) in the sports facilities.
- 3) Our university _____ (comprise) several educational buildings and a research library.
- 4) The postgraduate students _____ (work) on their theses this semester.
- 5) Every semester, the academic staff _____ (establish) new courses to improve students' skills.
- 6) The Associate Professor _____ (work) in the laboratory every day to conduct scientific research.
- 7) _____ the university _____ (take place) in any international rankings this year?
- 8) The students _____ (not / read) books in the reading hall now; they _____ (attend) a seminar.
- 9) The Education Plan _____ (include) many interesting activities for creative personal development.
- 10) Is your friend _____ (study) for her Master's Degree while also _____ (participate) in extracurricular activities?

2. Read the text. Choose the correct form of the verb (Past Simple, Past Continuous or Present Perfect)

Last year, the scientists 1) _____ (discovered / have discovered / were discovering) a new method to improve renewable energy sources. During the experiment, they 2) _____ (observed / were observing / have observed) the reactions very carefully to understand the process better. While the team 3) _____ (was working / worked / have worked) late in the laboratory, unexpected results 4) _____ (appeared / were appearing / have appeared). Since then, the researchers 5) _____ (have conducted / conducted / were conducting) several additional studies to confirm their findings.

In the past decade, science 6) _____ (made / has made / was making) significant progress in many fields, including medicine and environmental studies. Scientists 7) _____ (developed / have developed / were developing) vaccines that have saved millions of lives. Last month, a famous biologist 8) _____ (gave / has given / was giving) a lecture about recent advancements in genetics. While the audience 9) _____ (listened / was listening / has listened) attentively, the lecturer 10) _____ (showed / was showing / has shown) impressive visuals.

3. Read the text and choose the correct answer.

Jobs in IT

The IT industry is growing rapidly, and many new jobs will appear in the near future. Companies are going to hire more software developers, data analysts, and cybersecurity experts to meet increasing demands. I am starting a course in programming this summer because I am going to work as a software engineer after graduation.

Next year, many IT specialists will work remotely because flexible working conditions are becoming more popular. The technology sector is also planning to introduce AI assistants that will help improve productivity. People who are skilled in cloud computing and machine learning will definitely have better career prospects.

My friend Sarah is meeting with a recruiter tomorrow. She is going to apply for a job as a UX designer. The IT market is very competitive, but those who keep improving their skills will succeed and find great opportunities.

1. What will companies do in the near future?
 - a) Fire many IT specialists
 - b) Hire more software developers, data analysts, and cybersecurity experts
 - c) Stop using remote work
2. Why is the author starting a programming course this summer?
 - a) To become a UX designer
 - b) To work as a software engineer after graduation
 - c) To switch to a career in marketing
3. What is true about the IT market according to the text?
 - a) It is very competitive, but people who improve their skills will succeed
 - b) It has no job opportunities
 - c) It only offers jobs in cloud computing

4. Match the words on the left with their correct definitions on the right.

Words:	Definitions:
1) Software developer	a) A person who protects data and systems from cyber attacks.
2) Cybersecurity expert	b) A person who writes and creates computer programs.
3) UX designer	c) An intelligent digital assistant that helps improve productivity.
4) AI assistant	d) A person who designs the appearance and usability of websites and apps.
5) Remote work	e) Work performed outside the office, usually from home via the internet.

5. Choose the correct future form.

1. The tech department _____ (will implement / is going to implement) the AI assistant starting from July.
2. She _____ (is meeting / will meeting) with the IT recruiter tomorrow to discuss job opportunities.
3. Many IT professionals _____ (will work / are working) remotely in the near future.
4. I think artificial intelligence _____ (will change / going to change) the IT industry dramatically.

Ключи:

1.

- | | |
|------------------|------------------------------------|
| 1) gives | 6) works |
| 2) are competing | 7) Does ... take place |
| 3) comprises | 8) are not reading / are attending |
| 4) are working | 9) includes |
| 5) establish | 10) studying / participating |

2.

- | | |
|-------------------|-------------------|
| 1) discovered | 6) has made |
| 2) were observing | 7) have developed |
| 3) was working | 8) gave |
| 4) appeared | 9) was listening |
| 5) have conducted | 10) was showing |

3. 1. b; 2. b; 3. a

4. 1. b; 2. a; 3. d; 4. c; 5. e;

5. 1. is going to implement 2. is meeting 3. will work 4. will change

Семестр 2

Контрольная работа №2

1. Complete the sentences using the correct pronoun.

they, it, her, his, themselves, this, mine, those, us, their, me, them, its, that, these

- 1) This new smartphone is very advanced. Have you seen _____?
- 2) The device is portable, but sometimes I prefer to use my laptop because it is more convenient for ____.
- 3) The scientists in the molecular biology lab did the experiment _____ to ensure accuracy.
- 4) The new aircraft has advanced satnav/GPS systems. _____ help pilots find their way easily.
- 5) We sent the data to the main server. Please let ___ know if there are any problems.
- 6) The company updated _____ software last week to fix bugs.
- 7) The engineers examined the clones carefully because some of _____ showed unexpected traits.
- 8) The developers themselves programmed the AI. They are very proud of _____ work.
- 9) Tom showed me _____ new laptop. It's very fast.
- 10) Maria updated _____ smartphone yesterday because the old one stopped working.
- 11) Look at _____ satellites in the image. They help with global communication.
- 12) _____ device here is designed for people with limited mobility.
- 13) _____ vehicle over there is the latest electric model from a leading manufacturer.
- 14) I found this app very useful, but _____ is better because it has more features.

2. Choose the correct preposition

- 1) The city centre is very crowded, especially (at / in / on) weekends.
- 2) It is difficult to find a parking space (at/ on / in) the shopping mall during busy hours.
- 3) Urban planners try to reduce pollution (at/ on / in) cities by creating more green zones.

- 4) The nightlife is lively (at/ on / in) Fridays and Saturdays, attracting many visitors.
- 5) The cost of living affects many families, especially (at/ on / in) big metropolitan areas.
- 6) Overpopulation causes heavy traffic (at/ on / in) main roads in the city.
- 7) She went (to / in / for) the supermarket to buy groceries before dinner.
- 8) The concert will start (at/ in / on) 7 PM sharp.
- 9) Many people feel stressed (at/ in/ on) Monday mornings.
- 10) We usually have meetings (at/ in/ on) the afternoon.
- 11) She was born (at/ in/ on) July 15th, 1990.
- 12) I like to relax and chill out (at/ in/ on) weekends.
- 13) The traffic is always bad (at/ in/ on) rush hour.
- 14) Our office closes early (at/ in/ on) Fridays.
- 15) The city organizes cultural activities (at/ in/ on) the summer.
- 16) The pedestrian walked (across / through / above) the busy street to get to the park.
- 17) The car drove (across / through / around) the tunnel to avoid traffic lights.
- 18) She climbed (up / into / down) the hill to enjoy the view of the city.
- 19) People moved (in / on / around) the crowded marketplace looking for fresh food.
- 20) The cyclist rode (along / off / between) the riverbank enjoying the scenery.
- 21) The dog jumped (over / past/ behind) the fence to chase a squirrel.
- 22) The train passed (past / off / from) the station without stopping.

3. Choose the correct option.

- 1) There is (a / some / many) pollution in the city because of cars and factories.
- 2) We should plant some trees to help reduce (the / a / an) effects of climate change.
- 3) There isn't (many / much / some) water pollution in this river, so it's safe for fish.
- 4) Many people support (many / much / any) environmentally friendly products to protect the planet.
- 5) The polar ice caps are melting because of (a / an / the) global warming.
- 6) There is only (little / few / much) clean air left in some parts of the world.
- 7) We don't have (any / some / no) energy-efficient appliances at home yet.
- 8) We need to reduce (the / much / little) carbon footprint to slow down global warming.
- 9) There is too (the / much / little) smog in big cities, which affects people's health.
- 10) The government introduced (some / any/ much) ecological policies to save energy and recycle waste.
- 11) There are only (a few / a little / little) animals left in the wild because many species are extinct.
- 12) It takes (a few / a little / little) effort to save energy, but the results are worth it.

4. Read the letter and fill in the gaps with the following expressions:

I am confident / I am writing to / Yours sincerely / I hope / I look forward to / Thank you for

Dear Mr. Williams,

1) _____ this message finds you well. 2) _____ express my interest in the software engineer position advertised on the website of your company. With my background in the mobile development, I believe I possess the skills and enthusiasm to contribute effectively to your team.

I have 4 years of experience in native iOS and Android development. I am particularly drawn to your company because of its commitment to creating mobile applications for people with disabilities.

3) _____ that my combination of technical expertise and interpersonal skills make me a strong candidate for this role. I am eager to bring my knowledge of web technologies and my proactive approach to your organization.

4) _____ considering my application. 5) _____ the opportunity to discuss how I can contribute to your team.

6), _____

Linda F. Scott

5. Choose the correct answer.

1. What position is Linda applying for?

- a) Web developer
- b) Software engineer
- c) Mobile designer
- d) Project manager

2. Why is Linda particularly interested in this company?

- a) Because of its high salary offers
- b) Due to its commitment to creating mobile applications for people with disabilities
- c) Because it is a global company
- d) Because they use the latest computer hardware

3. What skills and experience does Linda mention in her letter?

- a) Experience in native iOS and Android development and knowledge of web technologies
- b) Experience in graphic design and marketing
- c) Knowledge of cloud computing and database management
- d) Experience in sales and customer service

6. Put the adjective / adverb in the correct form (positive, comparative, superlative).

- 1) Effective communication skills are (important) than technical knowledge in customer service.
- 2) This report is (detailed) than the one we submitted last month.
- 3) Our new manager responds to emails (quickly) than his predecessor.
- 4) The meeting room on the second floor is (quiet) than the one near the entrance.
- 5) To improve productivity, employees should communicate as (clearly) as possible.
- 6) Among all candidates, she gave the (professional) presentation.
- 7) The new software makes communication (efficient) by integrating all messages in one place.
- 8) In stressful situations, speaking (calmly) helps avoid misunderstandings.
- 9) Our team works (closely) with the marketing department than before.
- 10) The client was (satisfied) with our service yesterday than last year.

Ключи:

1.

- | | | |
|---------------|----------|-----------|
| 1) it | 6) its | 11) these |
| 2) me | 7) them | 12) this |
| 3) themselves | 8) their | 13) that |
| 4) they | 9) his | 14) mine |
| 5) us | 10) her | |

2.

- | | | |
|-------|------------|-------------|
| 1) on | 9) on | 17) through |
| 2) at | 10) in | 18) up |
| 3) in | 11) on | 19) around |
| 4) on | 12) on | 20) along |
| 5) in | 13) at | 21) over |
| 6) on | 14) on | 22) past |
| 7) to | 15) in | |
| 8) at | 16) across | |

3.

- | | | |
|---------|-----------|--------------|
| 1) some | 5) the | 9) much |
| 2) the | 6) little | 10) some |
| 3) much | 7) any | 11) a few |
| 4) many | 8) the | 12) a little |

4.

- | | |
|--------------------|----------------------|
| 1) I hope | 4) Thank you for |
| 2) I am writing to | 5) I look forward to |
| 3) I am confident | 6) Yours sincerely |

5.

1. b) 2. b) 3. a)

6.

- | | |
|-------------------|-------------------------|
| 1) more important | 6) most professional |
| 2) more detailed | 7) more efficient |
| 3) more quickly | 8) calmly / more calmly |
| 4) quieter | 9) more closely |
| 5) clearly | 10) more satisfied |

Семестр 3

Контрольная работа №3

1. Put the verbs in the correct form of passive voice.

- 1) The new bridge _____ (design) by a team of civil engineers last year.
- 2) Advanced materials _____ (use) in the construction of this building.
- 3) The prototype _____ (test) right now in the laboratory.
- 4) Safety standards _____ (update) regularly to protect workers.
- 5) The software _____ (develop) by the engineering department at the moment.
- 6) The machines _____ (repair) yesterday after the inspection.
- 7) The blueprints _____ (finalize) before the project started.

- 8) The renewable energy system _____ (install) next month.
- 9) Several new patents _____ (file) in recent years by the company.
- 10) The technical documentation _____ (prepare) by the engineering team every week.
- 11) The factory _____ (expand) now to increase production capacity.
- 12) The design _____ (approve) by the project manager last week.
- 13) The equipment _____ (clean) regularly to ensure safe operation.
- 14) The solar panels _____ (produce) in the factory since 2015.
- 15) The environmental impact of the project _____ (evaluate) by specialists currently.

2. Choose the correct modal verbs.

- 1) You (can / need / have) solve this equation by applying the quadratic formula.
- 2) Students (may / should / ought) check their answers carefully to avoid mistakes.
- 3) To pass the exam, you (must / can / would) study algebra and geometry thoroughly.
- 4) Advanced mathematics (might / ought / need) require a strong understanding of basic concepts.
- 5) You (must not / need not / have not) use a calculator during the test unless the teacher allows it.
- 6) Solving complex problems (must / can / should) help improve your critical thinking skills.
- 7) You (need / must / can) to practice solving equations every day to improve your skills.
- 8) Students (need / may / have to) submit their homework by Friday without exceptions.
- 9) If you want to understand calculus better, you (must / ought / should) to review your notes regularly.

3. Use the correct numeral (cardinal or ordinal).

- 1) She finished _____ (3) in the mathematics competition.
- 2) There are _____ (7) students in our study group.
- 3) The report was completed on the _____ (1) of May.
- 4) We solved _____ (5) problems during the lesson.
- 5) This is the _____ (10) chapter of the textbook.
- 6) He answered correctly to _____ (2) out of three questions.
- 7) Our professor has taught at the university for the _____ (10) year.
- 8) They collected _____ (35) data samples for the experiment.
- 9) The _____ (2) exercise was more difficult than the first.
- 10) I need _____ (1) more example to understand this theorem.

4. Read the text. Put the verbs in present perfect or present perfect continuous.

The Uses of Computers

Computers 1) (transform) many aspects of our lives, and their uses (expand) greatly over the years. People 3) (rely) on computers for work, education, communication, and entertainment. In many industries, computers 4) (increase) productivity by automating complex tasks and managing vast amounts of data. For instance, businesses 5) (use) computer programs to improve customer service and streamline operations.

Over the past decade, schools and universities 6) (incorporate) computer technology into their teaching methods. Teachers 7) (use) interactive software and online resources to enhance student learning. Additionally, many students 8) (complete) assignments and research using computers more than ever before.

In recent years, individuals 9) (use) computers continuously for remote work and virtual meetings, especially due to global changes in work culture. Moreover, scientists 10) (use) computers to analyze data and run simulations that 11) (advance) research in medicine, environmental science, and engineering. Overall, computers 12) (become) indispensable tools that 13) (reshape) how we live and work.

5. Choose the correct answer.

- 1) How have computers increased productivity in many industries?
a) By automating complex tasks and managing data
b) By replacing workers completely
c) By avoiding the use of technology
d) By limiting customer service
- 2) What role have computers played in education according to the text?
a) Teachers have stopped using computers
b) Teachers have been using interactive software and online resources
c) Students avoid using computers for assignments
d) Schools have banned all computer use
- 3) Which of the following is NOT mentioned as a use of computers in the text?
a) Remote work and virtual meetings
b) Data analysis and scientific simulations
c) Playing video games exclusively
d) Enhancing customer service

Ключи:

1.

- | | | |
|-----------------------|----------------------|------------------------|
| 1. was designed | 6. were repaired | 11. is being expanded |
| 2. are used | 7. were finalized | 12. was approved |
| 3. is being tested | 8. will be installed | 13. is cleaned |
| 4. are updated | 9. have been filed | 14. have been produced |
| 5. is being developed | 10. is prepared | 15. is being evaluated |

2.

- | | |
|----------------------|------------|
| 1. can | 6. can |
| 2. should | 7. need |
| 3. must | 8. have to |
| 4. might | 9. ought |
| 5. must not / cannot | |

3.

- | | |
|----------|----------------|
| 1) third | 6) two |
| 2) seven | 7) tenth |
| 3) first | 8) thirty-five |
| 4) five | 9) second |
| 5) tenth | 10) one |

4.

- | | |
|--------------------------------|-------------------------|
| 1) have transformed | 8) have been completing |
| 2) have expanded | 9) have been using |
| 3) have relied | 10) have used |
| 4) have increased | 11) have advanced |
| 5) have used / have been using | 12) have become |
| 6) have incorporated | 13) have reshaped |
| 7) have been using | |

5.

- 1) a) 2) b) 3) c)

Семестр 4

Контрольная работа №4

1. Put the verb in the correct form (Past Simple, Past Perfect or Past Perfect Continuous).

- 1) By the time the engineers _____ (arrive), the robot _____ (complete) its first task.
- 2) The company _____ (install) new automated systems before the production line _____ (shut down).
- 3) We _____ (test) the robotic arm for three hours when the power suddenly (go) out.
- 4) After the automation process _____ (start), the factory workers _____ (notice) an increase in efficiency.
- 5) The team _____ (develop) the software for months before they _____ (launch) the new robot.
- 6) When the manager _____ (check) the results, the machine already _____ (perform) hundreds of operations successfully.
- 7) The engineers _____ (work) on optimization before the robot _____ (break down).
- 8) By the time the technician _____ (arrive), the system _____ (already / fail) twice.
- 9) The robot _____ (complete) the assembly task when the supervisor _____ (call) for a review.
- 10) They _____ (upgrade) the control system just before the inspection _____ (begin).
- 11) While the robot _____ (operate), the developers _____ (make) adjustments to improve accuracy.
- 12) Before they _____ (receive) the new equipment, they _____ (use) the old machinery for years.
- 13) The automated process _____ (run) smoothly until the software bug _____ (cause) an error.
- 14) After the team _____ (install) the sensors, the robot _____ (start) detecting faults more precisely.
- 15) The engineer was explaining the system when the alarm suddenly _____ (go off).

2. Put the verb in the correct form to make conditional sentences.

- 1) You will get injured if you _____ (not/wear) protective equipment.
- 2) If the company provides proper training, workers _____ (work) more safely.
- 3) If workers _____ (use) hazardous materials incorrectly, they risk their health.
- 4) If the safety protocols were stricter, fewer injuries _____ (happen).
- 5) We _____ (improve) workplace safety if we had invested in better equipment last year.
- 6) If the company provided better safety equipment, the workers (feel) more protected.
- 7) If employees (wear) safety gear regularly, the number of workplace injuries would decrease.
- 8) If the management (conduct) safety training earlier, many accidents would have been prevented.
- 9) If the hazardous waste had been disposed of correctly, the contamination (not happen).

3. Choose the correct form (gerund or infinitive).

- 1) The team decided (start / to start / starting) the project next week.
- 2) She suggested (use / to use / using) agile methodology for better flexibility.
- 3) They plan (complete / to complete / completing) the initial phase by the end of the month.
- 4) Risk management involves (identify/ to identify / identifying) potential problems early.
- 5) He promised (provide / to provide / providing) all necessary resources for the project.
- 6) The project manager avoids (delegate / to delegate / delegating) tasks without clear instructions.
- 7) They made us (finish / to finish / finishing) the testing before the deadline.
- 8) (Communicate / To communicate / Communicating) effectively is essential for successful project management.
- 9) The team postponed (make / to make / making) a final decision until next week.
- 10) We aim (improve / to improve / improving) stakeholder engagement throughout the project.
- 11) She is good at (resolve / to resolve / resolving) conflicts within the team.
- 12) It's important (monitor / to monitor / monitoring) progress regularly.
- 13) The company agreed (invest / to invest / investing) more in training project managers.
- 14) He doesn't mind (work / to work / working) overtime when the deadline is near.
- 15) We let them (focus / to focus / focusing) on the critical tasks to meet our goals.

4. Fill in the gaps with the participles

allowing, ensuring, faced, having, identifying, meeting, motivating, providing, requiring

Project Management in IT

Managing projects in the IT industry requires a combination of technical knowledge and organizational skills. **1) _____ a clear plan in place**, project managers can guide their teams efficiently. Agile methodologies are widely used, **2) _____ teams to adapt quickly** to changing requirements. **3) _____ with tight deadlines**, managers must prioritize tasks and allocate resources wisely.

Communication plays a critical role, **4) _____ that everyone stays informed** and aligned with project goals. Risks are inevitable, so **5) _____ potential problems early** helps to minimize their impact. Many IT projects involve complex software development, **6) _____ constant testing and updates** throughout the development cycle.

Stakeholders expect regular progress reports, 7) _____ **transparency and accountability**.
By 8) _____ **team members and addressing challenges proactively**, project leaders increase the chance of success. Ultimately, effective project management leads to the delivery of high-quality products, 9) _____ **clients' needs and expectations** in a competitive market.

5. Decide if the statements are true or false according to the text.

- 1) Project managers in IT do not need technical knowledge to manage teams efficiently.
- 2) Agile methodologies help teams adjust quickly to changing requirements.
- 3) Communication is less important in IT project management.
- 4) Identifying potential risks early can reduce their negative effects.

Ключи:

1.

- | | |
|-----------------------------------|---------------------------------|
| 1) arrived / had completed | 9) had completed / called |
| 2) had installed / shut down | 10) had upgraded / began |
| 3) had been testing / went | 11) was operating / were making |
| 4) had started / noticed | 12) received / had used |
| 5) had been developing / launched | 13) had been running / caused |
| 6) checked / had performed | 14) had installed / started |
| 7) had been working / broke down | 15) went off |
| 8) arrived / had already failed | |

2.

- | | |
|------------------------|---------------------------|
| 1) don't wear | 6) would feel |
| 2) will work / work | 7) wore |
| 3) use | 8) had conducted |
| 4) would happen | 9) wouldn't have happened |
| 5) would have improved | |

3.

- | | |
|------------------|----------------|
| 1) to start | 9) making |
| 2) using | 10) to improve |
| 3) to complete | 11) resolving |
| 4) identifying | 12) to monitor |
| 5) to provide | 13) to invest |
| 6) delegating | 14) working |
| 7) finish | 15) focus |
| 8) Communicating | |

4.

- | | |
|----------------|---------------|
| 1) Having | 6) Requiring |
| 2) Allowing | 7) providing |
| 3) Faced | 8) motivating |
| 4) Ensuring | 9) meeting |
| 5) Identifying | |

5. 1) false 2) true 3) false 4) true

Типовые вопросы к зачету:

Prepare a presentation and speak in detail on one of these topics:

Семестр 1

- 1) My University Department
- 2) The Role of Science in the Modern World
- 3) My Future Career

Семестр 2

- 1) Inventions and Technologies
- 2) Environmental Issues
- 3) Communication in the Digital Age

Семестр 3

- 1) Engineering As a Profession
- 2) The Role of Mathematics
- 3) Computers in Use

Типовые вопросы к зачету с оценкой:

Семестр 4

Prepare a presentation and speak in detail on one of these topics:

- 1) Presentation on Emerging IT Technologies

Студенты готовят доклад и презентацию на английском языке о новых технологиях в сфере IT (например, искусственный интеллект, блокчейн, квантовые вычисления).

- 2) Case Study: Successful IT Companies

Исследование и презентация на английском языке о истории успеха известных IT-компаний, включая ключевые факторы их успеха.

- 3) Designing a Website Content Plan

Разработка плана контента для веб-сайта IT-компании с описанием разделов на английском языке, созданием приветственных текстов, описаний услуг и контактной информации, подготовка презентации о проделанной работе.

- 4) IT Innovations Impact on Society

Подготовка презентации на английском языке о влиянии IT-инноваций на общество, включая такие темы, как удалённая работа, искусственный интеллект, автоматизация.