

Winning The Software Quality Assurance Job Interv Complete Guide

Winning the Software Quality Assurance Job Interview: Your Ultimate Guide

Winning the software quality assurance job interview is a crucial step toward building a successful career in the tech industry. As organizations increasingly prioritize product quality and user experience, the demand for skilled QA professionals continues to rise. However, securing a QA position requires more than just technical knowledge; it involves demonstrating problem-solving skills, attention to detail, effective communication, and a deep understanding of testing methodologies. This comprehensive guide will equip you with strategies, tips, and insights to excel in your QA interview and land your dream job.

Understanding the Software Quality Assurance Role

Before diving into interview preparation, it's vital to understand what the role of a QA professional entails. This clarity will help you tailor your responses and showcase relevant skills.

Key Responsibilities of a QA Tester

- Designing and executing test plans, test cases, and test scripts
- Identifying, documenting, and tracking bugs and issues
- Collaborating with developers to resolve defects
- Ensuring compliance with quality standards and best practices
- Performing various testing types including manual, automated, regression, and performance testing
- Participating in requirement analysis and reviewing specifications

Essential Skills and Qualifications

- Strong understanding of SDLC (Software Development Life Cycle) and STLC (Software Testing Life Cycle)
- Knowledge of testing tools (e.g., Selenium, JIRA, TestRail)
- Familiarity with programming languages (e.g., Java, Python) for automation testing
- Analytical thinking and problem-solving abilities
- Excellent communication skills

- Attention to detail and organizational skills

Preparation Strategies for a Successful QA Interview

Thorough preparation is the cornerstone of success. Here are essential steps to get ready:

Research the Company

- Understand their products, services, and target markets
- Review their quality standards and testing practices
- Familiarize yourself with their technology stack and tools
- Check recent news, updates, or projects related to the company

Review Common QA Interview Questions

- Prepare clear, concise, and honest answers
- Practice behavioral questions using the STAR (Situation, Task, Action, Result) method
- Brush up on technical questions related to testing methodologies, tools, and programming

Update Your Resume and Portfolio

- Highlight relevant experience, certifications, and skills
- Include examples of testing projects or automation scripts
- Prepare to discuss challenges faced and how you overcame them

Practice Technical Skills

- Write sample test cases and test plans
- Practice automation scripts if applicable
- Mock interviews with peers or mentors

Key Areas to Focus on During the Interview

During the interview, demonstrating both technical expertise and soft skills is critical. Focus on the following areas:

Technical Knowledge

- Testing methodologies (manual, automated, exploratory)
- Defect tracking and reporting
- Testing tools and frameworks
- Understanding of APIs, databases, and programming basics
- Performance and security testing fundamentals

Problem-Solving Skills

- Explain your approach to testing complex scenarios
- Share examples where you identified critical bugs
- Discuss how you prioritize testing tasks

Communication and Collaboration

- Showcase your ability to work with cross-functional teams
- Demonstrate clear articulation of issues and solutions
- Highlight experience in stakeholder management

Adaptability and Continuous Learning

- Talk about staying current with testing trends and tools
- Mention certifications or courses undertaken
- Share experiences of adapting to new projects or technologies

Sample Questions and How to Answer Them Effectively

Preparing for common questions can boost your confidence. Here are some key questions and suggested strategies:

1. Can you describe your experience with manual and automated testing?

- Provide specific examples of projects involving manual testing
- Discuss automation tools used, such as Selenium, QTP, or TestComplete
- Highlight benefits realized, such as faster testing cycles or improved coverage

2. How do you prioritize testing tasks when under tight deadlines?

- Explain your approach to risk analysis and critical path identification
- Mention techniques like test case review and focusing on high-impact areas
- Emphasize effective communication with team members to manage expectations

3. Describe a challenging bug you found and how you handled it.

- Use the STAR method to narrate the situation
- Detail how you identified, documented, and collaborated for resolution
- Conclude with the positive outcome and lessons learned

4. How do you stay updated with the latest testing trends and tools?

- Mention resources like blogs, webinars, forums, and courses
- Share any certifications obtained
- Discuss participation in QA communities or conferences

Demonstrating Soft Skills and Cultural Fit

While technical skills are critical, soft skills often influence hiring decisions. Focus on:

- Communication Skills: Clearly explain technical concepts to non-technical stakeholders.
- Teamwork: Share experiences of collaborating across departments.
- Problem-Solving Attitude: Showcase your proactive approach to issues.
- Adaptability: Demonstrate flexibility in evolving project requirements.
- Attention to Detail: Illustrate how meticulousness improved product quality.

Post-Interview Tips to Increase Your Chances of Success

Your engagement doesn't end when the interview concludes. Follow these steps:

- Send a personalized thank-you email expressing appreciation for the opportunity.
- Reiterate your interest and briefly mention how your skills align with the role.
- Reflect on questions asked and consider how you can improve your responses.
- Prepare for potential next steps, such as technical assessments or additional interviews.

Additional Resources for QA Job Aspirants

- Certifications: ISTQB, CSTE, CSQA
- Online Courses: Coursera, Udemy, LinkedIn Learning
- Testing Communities: Ministry of Testing, Stack Overflow, QA forums
- Books: "Lessons Learned in Software Testing" by Cem Kaner, "Software Testing Techniques" by Boris Beizer

Conclusion: Your Path to Winning the QA Interview

Securing a software quality assurance position requires a combination of technical expertise, strategic preparation, and soft skills. By understanding the role deeply, researching the company, practicing common questions, and demonstrating your problem-solving and communication abilities, you position yourself as a compelling candidate. Remember to remain confident, authentic, and eager to learn. With diligent preparation and a positive mindset, you can confidently approach your QA interview and increase your chances of success. Good luck on your journey to becoming a valued QA professional!

Winning the Software Quality Assurance Job Interview: Your Comprehensive Guide to Success

Landing a software quality assurance (QA) job interview is just the first step on your journey toward a rewarding career in software testing and quality assurance. But, to truly stand out among the competition, you need to prepare strategically, demonstrate your skills effectively, and communicate your value confidently. This guide will walk you through the essential steps and insider tips to help you excel in your next QA interview and secure the position you desire.

Understanding the QA Job Market and Role Expectations

Before diving into interview preparation, it's crucial to understand what employers are looking for in a QA professional.

The Evolving Role of QA in Software Development

Traditionally, QA was considered a separate phase at the end of the development cycle. Today, it has become an integral part of the entire software development lifecycle (SDLC), emphasizing quality at every phase. Modern QA professionals are expected to:

- Collaborate with developers and product managers
- Write and execute test cases
- Automate testing processes
- Identify and document bugs effectively
- Understand agile methodologies and continuous integration

Key Skills and Qualities Employers Seek

- Strong analytical and problem-solving skills
- Attention to detail
- Familiarity with testing tools (e.g., Selenium, JIRA, TestRail)
- Knowledge of programming languages (e.g., Java, Python, JavaScript)
- Good communication skills
- Ability to work in fast-paced, collaborative environments

Preparing for the QA Interview: The Fundamentals

Effective preparation is the cornerstone of success. Here are the core areas to focus on:

- Review the Job Description Carefully

Identify the specific skills, tools, and methodologies emphasized by the employer. Tailor your preparation accordingly.

- Refresh Your Technical Knowledge
 - Testing Types: Manual, automated, regression, performance, security
 - Test Design Techniques: Equivalence partitioning, boundary value analysis, decision tables
 - Tools and Frameworks: Selenium, JUnit, TestNG, Jenkins, Postman
 - Bug Tracking and Reporting: JIRA, Bugzilla
 - Programming Skills: Be prepared to demonstrate basic scripting or coding abilities if relevant
- Practice Common QA Interview Questions

Prepare clear, concise, and honest responses to questions like:

- How do you prioritize test cases?
- Describe a challenging bug you found and how you reported it.
- How do you ensure test coverage?
- Explain the difference between black-box and white-box testing.
- How do you handle tight deadlines?

- Demonstrate Your Soft Skills

Employers value communication, teamwork, adaptability, and problem-solving. Prepare examples that showcase these qualities.

During the Interview: Strategies to Shine

The interview itself is your chance to showcase your expertise and personality.

- Make a Positive First Impression

- Dress professionally or according to company culture
- Arrive on time or connect early if virtual
- Greet interviewers confidently and with a smile

- Showcase Your Technical Skills

- Clearly explain your testing process
- Walk through past projects or experiences with specific results
- If asked to perform a practical test, stay calm, think aloud, and reason through your approach

- Communicate Effectively

- Listen carefully to questions
- Answer succinctly, backing your statements with examples
- Clarify doubts if questions are ambiguous

- Demonstrate Your Knowledge of QA Tools and Techniques

- Describe how you've used automation frameworks
- Share your approach to test case design
- Discuss how you report and track bugs

- Exhibit Enthusiasm and Cultural Fit
- Show passion for quality and continuous learning
- Align your values with the company's mission
- Ask insightful questions about the team, projects, and testing practices

Common QA Interview Questions and How to Answer Them

Here are some typical questions with guidance on how to craft compelling answers:

Question 1: How do you approach writing test cases?

Answer Strategy: Highlight your understanding of requirements, your systematic approach, and attention to detail.

Sample Response:

"I start by thoroughly reviewing the product specifications and user stories. I identify different test scenarios based on functional and non-functional requirements. I prioritize test cases based on risk and impact, ensuring critical paths are tested first. I aim for comprehensive coverage while maintaining efficiency, documenting each test case clearly for future reference."

Question 2: Describe a situation where you found a critical bug. How did you handle it?

Answer Strategy: Use the STAR method (Situation, Task, Action, Result).

Sample Response:

"In a previous role, I discovered a security vulnerability just before a product release (Situation). My task was to ensure the issue was documented and addressed swiftly. I documented the bug with detailed steps and screenshots, then escalated it to the development team. I followed up to verify the fix, and the issue was resolved before deployment, preventing potential data breaches (Result)."

Question 3: How do you ensure test automation is effective?

Answer Strategy: Emphasize planning, maintenance, and continuous improvement.

Sample Response:

"I start by identifying repetitive and critical test cases suitable for automation. I choose appropriate

tools based on the project requirements. I write modular, maintainable scripts and integrate them into CI/CD pipelines for regular execution. I also review and update scripts regularly to adapt to application changes, ensuring the automation remains reliable and valuable."

Demonstrating Continuous Learning and Adaptability

QA is a dynamic field. Showing that you stay current with industry trends is a significant advantage.

- Share Your Learning Strategies
 - Attending webinars and conferences
 - Participating in online courses (e.g., Coursera, Udemy)
 - Contributing to open-source testing projects
 - Reading blogs, forums, and industry publications
- Mention Certifications

Certifications can validate your skills and commitment. Examples include:

- ISTQB (International Software Testing Qualifications Board)
- Certified ScrumMaster (CSM)
- Certified Agile Tester (CAT)

Post-Interview: Following Up and Next Steps

After the interview, follow these best practices:

- Send a personalized thank-you email expressing appreciation for the opportunity
- Reiterate your interest and briefly highlight how your skills align with the role
- Reflect on what you learned from the interview to improve future performance

Final Tips for Success

- Be Honest: If you don't know an answer, admit it honestly, and demonstrate your willingness to learn.

- Show Enthusiasm: Passion for quality assurance can set you apart.
- Practice Mock Interviews: Conduct practice sessions with friends or mentors.
- Research the Company: Understand their products, culture, and testing environment.
- Prepare Your Questions: Have thoughtful questions ready about team structure, testing processes, or upcoming projects.

Conclusion

Winning the software quality assurance job interview requires a combination of technical expertise, effective communication, and genuine enthusiasm for quality. By thoroughly understanding the role, preparing systematically, practicing your responses, and demonstrating your soft skills, you position yourself as a strong candidate. Remember, every interview is also a learning experience?use each one to refine your approach and grow your confidence. With diligent preparation and a positive mindset, you'll be well on your way to securing your next QA role and advancing your career in software testing.

QuestionAnswer What are the key skills to highlight during a software quality assurance interview? Focus on your proficiency in testing methodologies, familiarity with automation tools, attention to detail, problem-solving abilities, understanding of SDLC, and effective communication skills. How can I demonstrate my experience with testing tools in an interview? Share specific examples of tools you've used, such as Selenium, JIRA, TestNG, or QTP, and describe how you utilized them to improve testing efficiency and quality assurance processes. What common questions are asked regarding defect reporting and tracking? Interviewers often ask about your experience in documenting defects, prioritizing issues, collaborating with developers, and using defect tracking tools to ensure timely resolution. How should I prepare to discuss my understanding of testing types (manual, automated, regression, etc.)? Be ready to explain each testing type, when to apply them, and share past experiences where you implemented these testing strategies effectively. What behavioral questions should I prepare for in a QA interview? Prepare for questions about handling tight deadlines, resolving conflicts within a team, dealing with incomplete requirements, and examples of how you ensured quality under pressure. How important is knowledge of programming languages in a QA role? While not always mandatory, knowledge of programming languages like Java, Python, or scripting can be a significant advantage, especially for automation testing roles. What questions should I ask the interviewer to show my interest and understanding of the role? Ask about the current testing tools used, team structure, QA process improvements, opportunities for automation, and how success is measured in the QA team.

Related keywords: software quality assurance, QA interview tips, QA testing interview questions, software testing skills, QA interview preparation, testing methodologies, bug tracking, automation testing, manual testing, software development lifecycle

Prakticheskij Kurs Russkogo Jazyka Dlja Rabotniko

prakticheskij kurs russkogo jazyka dlja rabotniko: Vash put' k effektivnomu kommunikatsii v Rossii

V modernom mire kompetentnoe znanie russkogo jazyka – ključ k uspehu v professional'noj srede i lichnom razvitii. Esli vy rabotaete v Rossii ili planiruesh' tam perezdit', to prakticheskij kurs russkogo jazyka dlja rabotniko stanovitsya neobhodimym instrumentom dlya dostizheniya vysokogo urovnya kommunikatsii. V etom tekste my rasskazhem o tom, kak vybirat' podhodjashchij kurs, kakie preimushchestva on predlagaet, i kakie rezul'taty vy mozhet poluchit' posle ego prohozhdeniya.

Vazhnost' russkogo jazyka dlya rabotnikov v Rossii

1. Upravlenie kommunikatsiej

Kommunikatsiya – osnova professional'noj deyatel'nosti. Umiye govorit' na russkom pomozhet:

- Effektivnoe vzaimodejstvie s kollegami i klientami
- Preodolenie jazykovykh bar'erov i nedorazumenij
- Vyrazhenie idej i predlozhenij s tochnost'ju i uverennost'ju

2. Povishenie professional'noj kompetentnosti

Znanie russkogo jazyka pozvoljaet:

- Obschatsya na bolee vysokom urovne
- Uchastvovat' v delovykh peregovorakh
- Podgotovka dokumentov i otchetov na russkom

3. Lichnoye razvitie

Obuchaems' novym slovam, grammatike i stile, razvivayem umenie poslushat' i govorit', chto podderzhivaet samovereniye i razumnoye obshchenie.

Vybor prakticheskogo kursa russkogo jazyka dlja rabotniko

1. Formate obucheniya

Prakticheskie kursy predlagayut raznye formaty obucheniya, kotorye mogut byt?:

- Offline gruppovye zanyatiya
- Individualnye urok
- Online kursy s videolekcijami
- Intensivnye programmy dlya korporativnykh klientov

2. Chto iskat? pri vybore kursa

Pri vybore kursa obratite vnimanie na:

- Opyt instruktora
- Rekomendatsii i otzvy studentov
- Programmu obucheniya, v tom chisle fokus na praktiku
- Flexibilnost raspisaniya i dostupnost formata
- Cena i dopolnitelnye uslugi (sertifikaty, podderzhka)

3. Klyuchevye navyki, kotorye vy poluchite

Posle prohozhdeniya prakticheskogo kursa vy smozhete:

- Vesti delovoy dialog i peregovory
- Sozdavat i redaktirovat delovoy dokumentatsiyu
- Obschatsya na russkom v razlichnykh situatsiyakh
- Razbiratsya v delovoy literature i media
- Upravlyat sobstvennym progressom v obuchenii

Struktura i programma prakticheskogo kursa russkogo jazyka dlja rabotniko

1. Osnovnye temy i predmety

Programma kursa, kak pravilo, vkluchaet:

- Osnovy grammatiki i leksiki
- Delovoy stil i biznes-ili formalnyj russkiy
- Kommunikativnye navyki i slux

- Podgotovka k peregovoram i prezentatsiyam
- Podgotovka delovykh dokumentov: emailov, otchetov, kontraktov

2. Prakticheskie zanyatiya

Vazhnayshaya chast' kursa ? eto praktika:

- Role-plays i simulyatsii delovykh situatsij
- Diskussii na temat rabochnykh proektov
- Debaty i prezentatsii
- Obmen opytom i obratnaya svyaz?

3. Kontrol' i otsenka progressa

Dlya effektivnogo obucheniya v rasshirennom obeme predlagaetsya:

- Ekzameny i testy
- Obratnaya svyaz? ot instruktora
- Samostoyatel'naya rabota i domashnie zadaniya
- Obuchayushchie materialy i resursy dlya samostoyatel'nogo obucheniya

Preimushchestva obucheniya na prakticheskom kurse

1. Fokus na praktike

Kurse prednaznacheny dlya razvivayushchikh navyki, ne tol'ko teorii. Vse zanyatiya ? eto real'nye situatsii i zadachi, kotorye pomogut v real'noy rabote.

2. Individualnyj podhod

Podkhody, na?elen?e na potrebnosti rabotnika, pomogayut dostignut' optim'nye rezul'taty.

3. Udobstvo i fleksibil'nost'

Online formaty i individual'nye zanyatiya pozvol'yajut obuchenie v pohodnom vremeni i meste.

4. Upravlenie progressom

Sistemy otsenki i obratnaya svyaz? pomogayut otsenit' i korrektilirovat' obuchenie.

Rezultaty posle prohozhdeniya kursa

1. Uverennoye obshchenie

Vy smozhete legko i uverenn? vyrazhat? mysli na russkom v delovoy i lichnoy srede.

2. Povishenie professional?noj konkurentnosti

Ustrojstvo v roli s bol?shim urovnem russkogo yazyka vashim kollegam i rabotodatel'nyam.

3. Ustroystvo delovykh peregovorov i prezentatsij

Vy smozhete uspe?no provodit? peregovory, prezentatsii i konferentsii.

4. Lichnoe razvitie i samovereniye

Razvivayte navyki slushat?, govorit? i razbiratsya v delovykh situatsiyah, chto podderzhivaet samovereniye i professionalizm.

Zakljuchenie: Vash shans na uspekhi v Rossii

Prakticheskij kurs russkogo jazyka dlja rabotnikov ? eto ne tol?ko sposob osvoit? novye navyki, no i investiciya v vashe li?noye i professional?noe razvitie. Vnimatel?no vybiraite kurs, kotoryj naibolee sootvetstvuet vashim potrebnyam, i ne ostavajte bez vnimaniya na praktiku. S takym obucheniem vy postojanno budete rasti? v profesional?nom plane, uspekhs? v rossijskom delovom mire i dostigat? svoih tselej s uverennost?ju.

Vpered k novym vozmozhnostyam!

???????????? ???? ????????? ????? ???? ??????????: ????? ? ??????

? ????????????? ????????????????????? ????? ????????? ????????? ????????? ?????????????
???????????????? ????????????????? ??? ??????????????, ????????????? ? ?????? ???
???????????????????? ? ????????????????? ??????????, ?????????? ? ??????????. ???????
???????????? ??? ??? ????????????? ?????????????, ?????????? ? ?????????, ????????????? ?????????
???????????????? ????????????? ?????? ????????????? ? ?? ?????, ? ??? ?????? ?? ?????????
???????????? ????? ? ????????????? ? ????????????? ?????? ????????????? ????? ???? ????????????? ? ???
????????????, ?????????????, ????????????? ? ?????????????, ?????? ?????? ??? ???????
???????????????????? ?????? ? ??????, ?????????? ?? ????????????????? ?????? ?????????????.

????? ??????: ??? ?????? «???????????????? ?????? ?????????? ??????

??? ??????????»?

«????????????? ???? ????????? ?????? ??? ??????????» ? ??? ?????????????????????
????????????????? ?????????, ?????????????????? ?? ????????? ????????? ?????????????? ?
????????????????????? ??????. ? ????????? ?? ?????? ?????? ????????? ??????, ?? ?????????????? ??
???????? ?????????, ?????????????????? ??????????, ?????????? ? ?????????, ? ??????????????
????????? ??????????. ?????? ?????? ?????????? ?????????? ?? ?????? ????????? ?????????
??????, ?? ? ?????????? ???? ?????????????????? ? ?????????? ?????????????????? ??????????????.

???? ?????? ?????????????? ? ????????? ???????-????????, ??? ?????? ??? ?????????? ???
????????? ?????? ??????????, ????????? ???, ??? ?????????? ?????????? ??? ?????????? ? ??????
????????? ??????. ?????? ?????????? ???????-???????? ? ?????????????????? ??????, ??? ??????????
?????????????? ?????????? ??? ?????????????? ?????????????? ??????????????.

?????????? ? ????????????? ??????

???? ?????? ?? ?????????? ?????????, ?????? ?? ????????? ????????? ?? ????????? ??????????????
????????? ? ??????. ?????? ?????????????? ?????????? ?????? ?????????? ?????????? ??????.

1. ?????? ?????????? ?????? ??? ?????????? ????????

- ??????????? ? ??????????: ?????????? ?????????, ?????????????? ??? ?????????? ??????????????.
- ?????????: ????????? ? ?????????????????????? ??????, ??????????????.
- ??????????????? ? ??????????: ?????????? ?????????????? ?????? ??? ?????? ??????????.

2. ????????? ?????????: ?????????? ? ??????????????

- ????????? ?????????? ??????????: ??????, ?????????????? ??????????, ??????????.
- ?????????????? ?????????? ? ?????????????????????: ?????? ? ??????????.
- ????????? ? ??????????: ??????, ?????? ? ??????????.

3. ?????????????? ????? ? ??????????

- ??????????????? ? ??????: ?????????????? ? ??????????????????.
- ????????? ? ?????????? ? ??????????????: ?????? ? ??????????.
- ????????? ?????????????? ?????????? ? ?????? ?????? ??????????????.

4. ?????????? ?????????????????????? ????????

- ????????? ?????????.
- ?????? ?????????? ????????? ? ?????????.
- ?????????????? ? ?????????????????.

5. ?????????????? ????????? ? ??????

- ????????? ?????.
- ??????? ?????????? ?????????.
- ?????????? ?????? ? ??????????? ??????

??? ?????????? ?????????????? ?????????????? ??????, ?????????????? ?????????????? ?? ?????? ?????????? ?????, ?? ? ?????????? ??? ? ?????????? ?????????????????????? ??????????.

????????????????? ?????????????????? ?????? ??? ??????????????

????????????? ?????????? ?????????????? ?????? ?????, ??????? ??????? ??? ?????? ?????????????? ??? ?????????? ?????????????????????? ?????????? ?????????? ?????????? ?????????.

1. ??????????? ??? ?????????????????????? ??????

????? ?????????????? ?????????????? ? ??????? ?????????????? ??????? ??????????????. ??? ?????????, ??? ?????????? ? ?????????? ?????????????????? ?? ?????????, ? ?????????? ?????????????????? ?????????? ? ?????????????????? ?????????? ? ?? ?????????? ?????????? ?????????????? ??????????????.

2. ?????????? ?????????? ?????????????????????? ??????????

?????????? ??????????? ?????????????? ? ?????????? ?????????????? ??????????, ??????? ?????????? ?????????????? ?????????? ? ?????? ??????????????. ??? ??????? ??????? ?????? ??? ?????????????????? ?????????????????? ?????????????? ? ?????????????? ?????????????????????? ???????.

3. ?????????? ?????????? ??????????

????????????????? ??? ? ?????????????? ???????-??????, ?????????????? ?????????????? ?????????? ? ?????????? ?????? ? ?? ?????? ?????? ??????. ?????? ?????????? ?????????????????????? ?????????????? ??? ?????????? ?????????, ??? ?????????? ?????????????????? ??? ?????????????? ?????????????????? ?????????????? ?????????????? ??????????.

4. ?????????????????? ?????????????????? ??????????????

????????????? ?????????????? ?????????? ?????????????????? ??????????????, ??????????????, ?????? ? ??????. ??? ?????????????????? ?????? ?????????????????? ?????????????????? ?????????????? ? ?????????????????? ??????????????

???????

5. ????????? ?????????????????????????????????????

????? ?????? ???? ? ? ????????????????????????????????? ? ???? ?????? ?????????????????
???????????????? ???? ????????????????????????????????? ? ????????????????????????????????? ???? ?????????????
?????.

????????????? ? ?????????????????????

????????? ? ?????????????????????????????????, ?????? ????????????? ? ????????????????????????????????? ????
?????????????.

1. ?????????????????????????

????? ???
??
????????????????????????????????????.

2. ?????????????????????????

??
??.

3. ?????????????????????????

????????-??
??.

4. ???

??
??.

????? ?????????????????????????????????

??
?????????????????.

- ???.

- ?????????????? ???????????, ?????????? ?????????? ?????????????????????? ??????????.
- ??????????????? ? ???????????, ?????????? ?????????????? ?? ?????????? ??????
- ??????????, ??????????????? ?????????? ?????????? ?????????????????? ?????????? ??????????????
- ?????????? ? ?????????, ?????????????? ?????????????????????? ??????????????????

???? ? ? ?????? ? ? ?????? ?????????? ?????????? ????, ? ??????????? ??????????? ??? ? ?????????????? ?????????? ?????????????, ??? ???? ?????????? ?????????? ?????????????????? ? ??????????

??? ?????????? ? ??? ? ?????????????? ???????

?????????? ?????????????????? ??????? ?????????? ?????? ?? ?????????????? ?????????? ?? ?????????????? ??????????: ?????????? ??????????, ??????????????????, ?????????? ?????????????????????? ? ??????????? ?????????? ????????????. ??????? ?? ??????????:

- ??????? ? ?????????????? ????????????
- ?????????? ?????????????? (????????????????? ??????, ??????, ??????).
- ?????????????? ?????????? ? ?????????????????????? ??? ??????????
- ?????????? ?????? ?? ?????????????????? ??????????
- ?????????????? ?? ?????????????????? ??????

????????????? ?????????????? ?????? ?????????????? ?????????????????????? ???????, ?????? ??? ?????????????????????? ??????????????????, ?????????????? ??????????? ??? ?????????????????????? ??????????? ??? ?????? ???????.

????????? ? ?????????????????????? ?? ?????????? ???????

?????? ??? ??? ?????????? ?????, ?????????????????????? ?????????? ?????????? ?????????????????? ? ?????????? ?????????????? ??????????? ??????????????. ?????????? ?????????????? ??????????? ?????????? ?????????????????????? ??????????, ?????????????? ?????? ?? ?????????????????????? ? ??????????? ??????????

?????? ?????? ??????????? ??????????? ?? ?????????? ?????????????? ? ?????????????????????? ?????????????? ?????? ?????????????????????????? ??????????. ?? ?????????????????? ?????????????????? ?????????????? ?????????????? ??? ?????-????, ?????? ?????????? ??????????? ?????????????????? ? ??????????? ??????????

?????????????????: ?????? ?? ?????????? «????????????????????? ?????? ?????????????? ?????????? ?????????? ?????????? ?????????? ?????????? ??????????»?

????????? ??????, ?????? ?????????, ??? «????????????????????? ?????? ?????????????? ?????? ??? ??????????????????» ? ??? ?????????? ?????????????????? ??? ???, ??? ?????? ?????????????? ?????? ?????????????????????????? ?????????? ?????????????? ?????????? ?????????? ? ?????????? ?????????????? ??? ? ??????. ?? ?????????? ? ?????? ?????????????????????? ?????????????????????, ?????????????????? ?????????? ? ?????????????????? ?????????? ??????????, ???

