# Bulats answer sample Handbook

**bulats answer sample** is a valuable resource for individuals preparing for the Business Language Testing Service (BULATS) exam. Whether you're a student aiming to improve your language skills for the workplace or a professional seeking certification to enhance your career prospects, understanding how to craft effective answers is crucial. In this article, we will explore various BULATS answer samples, provide strategies for responding effectively, and offer practical tips to help you excel in each section of the test.

## Understanding the BULATS Exam Structure

Before diving into answer samples, it's essential to grasp the format of the BULATS exam. The test assesses four key language skills: Reading, Listening, Speaking, and Writing, all within a business context. Each section has specific question types and time limits.

### Sections of the BULATS Exam

- **Reading and Language Knowledge:** Multiple-choice questions, matching exercises, and gap fills focusing on business vocabulary and comprehension.
- **Listening:** Audio recordings with questions testing understanding of business conversations, meetings, or announcements.
- **Speaking:** Tasks include expressing opinions, describing situations, or participating in simulated business conversations.
- **Writing:** Tasks such as writing emails, reports, or summaries based on prompts.

Knowing the structure helps you prepare targeted answers with confidence. Now, let's explore sample responses and strategies for each section.

## Sample BULATS Answer for Reading Section

Effective answers in the reading section often involve selecting the correct option or completing sentences accurately. Here's a typical question and a sample answer.

### Sample Question

Read the following paragraph and choose the best answer:

"Our company's quarterly sales increased by 15%, primarily due to the successful launch of the new product line. The marketing campaign played a pivotal role in reaching a wider audience."

Question: What was the main reason for the sales increase?

- The new product line was launched successfully.
- The marketing campaign was effective.
- The sales team worked harder than usual.
- The company expanded into new markets.

### Sample Correct Answer

The best answer is **2. The marketing campaign was effective**, as it is explicitly mentioned that the campaign played a pivotal role in reaching a wider audience, contributing to the sales increase.

## Sample BULATS Answer for Listening Section

Listening answers require comprehension of spoken information with accuracy and clarity.

### Sample Listening Scenario

Imagine you hear the following dialogue:

- "The meeting has been rescheduled to 3 PM tomorrow. Please ensure all reports are ready beforehand."

Question: When is the meeting now scheduled to take place?

- Today at 3 PM
- Tomorrow at 3 PM
- Next week
- Today at 2 PM

### Sample Correct Answer

The correct answer is **2. Tomorrow at 3 PM**. The speaker states that the meeting has been rescheduled to 3 PM the following day, which is tomorrow.

# Sample BULATS Answer for Speaking Section

The speaking section assesses your ability to communicate clearly in business situations. Here's a sample task and an ideal answer.

## Sample Task

Describe a recent business trip you took. Include details about the purpose, location, and outcome.

### Sample Answer

"Recently, I traveled to Frankfurt for a client meeting aimed at discussing our new product offerings. The trip lasted two days, and I presented our latest innovations to the client team. The meeting was successful, resulting in a new partnership agreement, which is expected to boost our sales in the region."

## Strategies for a Strong Speaking Answer

- Speak clearly and at a moderate pace.
- Organize your thoughts logically?introduction, main points, conclusion.
- Use relevant business vocabulary.
- Provide specific details to demonstrate your language proficiency.

# Sample BULATS Answer for Writing Section

In the writing section, clarity, coherence, and professionalism are key. Here's a sample prompt and a model response.

## Sample Prompt

Write an email to a supplier requesting a quotation for 1,000 units of your company's product. Include details about the product specifications, delivery deadline, and payment terms.

### Sample Answer

Subject: Request for Quotation ? 1,000 Units of Product X

Dear Mr. Smith,

I am writing to request a quotation for 1,000 units of Product X, as specified in our previous

discussions. We require the products to meet the following specifications: [insert specifications].

Could you please provide pricing details, including any discounts for bulk orders? Additionally, we need the delivery to be completed by March 15, 2024. Kindly include your payment terms and shipping options in your response.

Thank you for your prompt attention to this matter. I look forward to your quotation.

Best regards,

Jane Doe

Purchasing Manager

XYZ Corporation

## Tips for Crafting Effective BULATS Answers

To maximize your scores, consider these essential tips:

### 1. Understand the Question

- Carefully read or listen to the prompt.
- Identify what is being asked?details, opinions, explanations, or summaries.

### 2. Plan Your Response

- For speaking and writing, take a few seconds to organize your thoughts.
- Use a logical structure?introduction, main body, conclusion.

### 3. Use Relevant Vocabulary and Grammar

- Incorporate common business terms and phrases.
- Maintain grammatical accuracy to demonstrate proficiency.

### 4. Be Concise and Precise

- Answer directly without unnecessary tangents.
- Use specific examples or details when appropriate.

### 5. Practice with Sample Answers

- Review various BULATS answer samples to familiarize yourself with the expected standard.
- Record yourself to improve pronunciation and fluency.

## Resources for BULATS Answer Sample Practice

Practicing with authentic sample answers can significantly improve your performance. Here are some resources:

- Official BULATS Website: Offers sample questions and practice tests.
- English Club: Provides sample BULATS answer samples and tips.
- Test Guide: Features practice questions with sample answers for all sections.

## Conclusion

Mastering the art of crafting effective BULATS answers is essential for achieving a high score in the exam. By analyzing sample answers, understanding the exam structure, and practicing regularly, you can build confidence and improve your language skills in a business context. Remember, clarity, relevance, and professionalism are key elements in producing standout responses. Use the resources available, review sample BULATS answer samples frequently, and tailor your preparation to focus on areas where you need the most improvement. With dedication and strategic practice, you'll be well on your way to excelling in the BULATS exam and advancing your professional career.

Bulats Answer Sample: A Comprehensive Guide to Understanding and Excelling in the Test

The Bulats answer sample serves as an essential resource for candidates preparing for the Business Language Testing Service (Bulats). This sample not only provides insight into the types of questions you can expect but also demonstrates the level of language proficiency required to succeed. Whether you're aiming to improve your speaking, listening, reading, or writing skills, understanding how to approach Bulats answer samples effectively can significantly boost your confidence and performance. In this guide, we will analyze the structure of a typical Bulats answer sample, breakdown key strategies for each section, and offer practical tips to enhance your test-taking skills.

What is Bulats and Why is the Answer Sample Important?

## Understanding Bulats

Bulats is a language assessment tool designed to evaluate the English proficiency of professionals and students in a business context. The test assesses four core skills:

- Listening
- Reading
- Writing
- Speaking

The goal is to measure functional language ability relevant to workplace situations, such as meetings, reports, emails, and negotiations.

## The Role of the Answer Sample

A Bulats answer sample acts as a benchmark, illustrating ideal responses and common pitfalls. It helps candidates:

- Familiarize themselves with question formats
- Understand the expected level of accuracy and fluency
- Develop strategies for time management
- Practice structuring responses effectively

Having a clear understanding of the answer sample can demystify the test and reduce anxiety.

## Analyzing a Typical Bulats Answer Sample: Structure and Content

### Common Sections in Bulats Answer Samples

Bulats answer samples are usually divided into sections corresponding to each skill area, with sample questions and model answers. Here's a typical breakdown:

- Listening Section
- Reading Section
- Writing Section
- Speaking Section

Each section features questions with sample responses that exemplify best practices.

Example: Listening Section

Sample Question:

Listen to a short conversation between two colleagues discussing a project deadline. What is the new deadline they agree upon?

Sample Answer:

The colleagues agree to submit the project by Friday, March 10th.

Analysis:

- The answer directly addresses the question.
- It includes the specific date, which is crucial.
- Tips for success include note-taking during audio and summarizing key points.

Example: Reading Section

Sample Question:

Read the following email about a meeting schedule. What time is the meeting scheduled for?

?Dear team, the weekly meeting has been moved to 3 PM on Thursday. Please ensure your availability.?

Sample Answer:

The meeting is scheduled for 3 PM on Thursday.

Analysis:

- The response is concise and accurate.
- Emphasize extracting key details quickly.
- Practice skimming and scanning skills.

Example: Writing Section

Sample Question:

Write an email to a client confirming an appointment.

Sample Answer:

Dear Mr. Smith,

I am writing to confirm our appointment scheduled for Tuesday, March 7th at 2 PM at our office. Please let me know if you need to reschedule.

Best regards,

Jane Doe

Analysis:

- The response is polite, professional, and clear.
- It addresses all necessary details.
- Use of formal tone and structured format is recommended.

Example: Speaking Section

Sample Question:

Describe a recent business trip you took.

Sample Answer:

Recently, I traveled to Berlin for a conference. The trip lasted three days, during which I attended several meetings with colleagues and participated in networking events. The experience was valuable for expanding our business contacts and learning about new market trends.

Analysis:

- The answer is organized, concise, and relevant.
- Use of specific details enhances credibility.
- Practice speaking clearly and confidently.

Strategies for Excelling Using Bulats Answer Samples

- Familiarize Yourself with Question Formats

- Review multiple answer samples to recognize common question types.
- Practice with sample questions to simulate real test conditions.
- Understand what examiners look for in responses.

- Improve Your Language Skills

- Focus on vocabulary relevant to business contexts.
- Practice grammar and sentence structure.
- Develop effective note-taking techniques for listening.

- Practice Structuring Your Responses

- Use clear, logical organization.
- Start with a brief introduction or main point.
- Support your answers with specific details.
- Conclude with a summary or closing statement.

- Time Management

- Allocate appropriate time to each question.
- Practice under timed conditions using answer samples.
- Avoid spending too long on any one question.

- Review and Self-Correct

- After practicing, compare your responses with the sample answers.
- Identify areas for improvement.
- Record your responses for self-assessment.

Practical Tips for Using Bulats Answer Samples Effectively

- Create a Study Routine: Dedicate time regularly to review answer samples.
- Simulate Test Conditions: Practice answering questions without external help to build confidence.
- Record Your Responses: Listen to your recordings to identify pronunciation and fluency issues.
- Seek Feedback: Share responses with teachers or colleagues for constructive criticism.
- Use Variations: Practice with different samples to cover a wide range of topics and question styles.

Conclusion

The Bulats answer sample is a vital tool for anyone aiming to achieve a high score in the Business Language Testing Service exam. By carefully analyzing these samples, understanding their structure, and practicing responses, candidates can develop the skills necessary to perform confidently under exam conditions. Remember, consistent practice, strategic preparation, and a thorough understanding of question types are key to success. Use the sample answers not just as models, but as learning resources to refine your language abilities and approach to the test. With dedication and preparation, mastering Bulats is an achievable goal that can open doors to new professional opportunities.

QuestionAnswer What are some common types of questions in a BULATS answer sample? BULATS answer samples typically include reading comprehension, listening comprehension, vocabulary, and grammar questions designed to assess workplace language skills. How can reviewing BULATS answer samples help improve my score? Reviewing answer samples helps familiarize you with the test format, the level of detail expected, and common question types, enabling more effective preparation and better performance. Where can I find reliable BULATS answer samples online? Reliable BULATS answer samples can be found on official Cambridge English websites, language learning platforms, and educational resource sites specializing in test preparation. Are there any tips for using BULATS answer samples effectively during practice? Yes, it?s best to simulate exam conditions, time yourself, and analyze answer samples to understand reasoning, helping you identify areas for improvement and build confidence. How accurate are BULATS answer samples in predicting actual test performance? While answer samples provide valuable practice, they may not fully predict actual performance due to variations in test difficulty and individual test-taking skills. Use them as a guide, not a guarantee. Can I use BULATS answer samples to prepare for the speaking section? Yes, some answer samples include sample responses for speaking tasks, which can help you understand expected language use, pronunciation, and fluency for the speaking section.

**Related keywords:** Bulats practice questions, Bulats sample answers, Bulats sample responses, Bulats speaking tips, Bulats writing examples, Bulats test samples, Bulats exam preparation, Bulats answer guide, Bulats practice test, Bulats question bank

# Bulats Preparation Material

**Bulats Preparation Material**: The Ultimate Guide to Excelling in Your Bulats Test

Preparing effectively for the Business Language Testing Service (Bulats) exam requires access to comprehensive and well-structured study resources. Whether you're aiming to improve your English proficiency for professional purposes or seeking to certify your language skills, the right Bulats preparation material can make all the difference. This guide provides you with detailed insights into the best resources, strategies, and practice methods to help you succeed and boost your confidence in the exam.

## Understanding the Bulats Exam Structure

Before diving into preparation materials, it's essential to understand the format and components of the Bulats test.

### Exam Components

The Bulats exam evaluates your language skills across four key areas:

- Listening
- Reading
- Writing
- Speaking

Each section assesses different skills relevant to workplace communication. The test duration varies depending on the format but generally lasts around 60-90 minutes.

### Test Formats

Bulats can be taken in different formats:

- Paper-based Test (PBT)
- Computer-based Test (CBT)
- Online Adaptive Test

Understanding your preferred or available format helps in choosing the right preparation material.

# Key Components of Effective Bulats Preparation Material

The most effective study resources are those tailored to the exam's structure, content, and your personal learning style.

## Official Bulats Preparation Resources

Using authentic materials ensures you're familiar with the exam's language and question types.

- **Cambridge English Official Guides:** These include sample questions, practice tests, and detailed explanations.
- **Online Practice Tests:** Available through the official Cambridge website or authorized testing centers.
- **Sample Questions & Past Papers:** Practice with real exam questions to familiarize yourself with the format.

## Additional Practice Materials

Supplementary resources help reinforce your skills and provide varied practice opportunities.

- **Language Learning Apps:** Platforms like Duolingo, Babbel, or Rosetta Stone offer vocabulary and grammar practice.
- **Business English Courses:** Enroll in courses focusing on workplace communication, email writing, and presentation skills.
- **Listening & Reading Practice:** Use podcasts, business news, and articles to enhance comprehension.
- **Vocabulary Lists:** Focus on business terminology, idioms, and commonly tested words.

# Effective Strategies for Bulats Preparation

Choosing the right study materials is only part of the process. Combining them with effective strategies maximizes your chances of success.

## Set Clear Goals and a Study Schedule

- Define specific targets for each skill area.
- Allocate dedicated time weekly for practice.
- Track your progress to identify areas needing improvement.

### Practice Under Exam Conditions

- Simulate timed tests to build exam stamina.
- Practice with sample questions without distractions.
- Review your answers critically to understand mistakes.

### Focus on Weak Areas

- Use diagnostic tests to identify skills needing improvement.
- Use targeted practice materials for these areas.
- Seek feedback from teachers or peers when possible.

### Enhance Vocabulary and Grammar

- Regularly review business-related vocabulary.
- Practice grammar exercises relevant to workplace communication.
- Incorporate new words into your writing and speaking practice.

### Develop Listening and Reading Skills

- Listen to business podcasts and news reports.
- Read articles, reports, and emails related to business contexts.
- Practice answering comprehension questions based on these materials.

## Recommended Bulats Preparation Materials and Resources

Below is a curated list of high-quality resources categorized for comprehensive preparation.

### Official Resources

- **Cambridge Official Bulats Practice Material:** Practice tests, sample questions, and exam tips.
- **Cambridge English Website:** Up-to-date information, sample exercises, and downloadable resources.

### Books and Guides

- **"Bulats Practice Tests" by Cambridge English:** Contains practice papers with answer keys and explanations.
- **"Business Vocabulary in Use" series:** Focuses on essential business terminology.
- **"Cambridge English Skills for Business" series:** Covers skills in writing, speaking, and reading for business contexts.

### Online Platforms and Apps

- **Flo-Joe for Cambridge English:** Offers practice exercises and tips.
- **BBC Learning English Business English:** Provides listening and vocabulary activities.
- **Quizlet:** Custom flashcards for business vocabulary revision.

### Additional Practice Tools

- **Podcasts:** "Business English Pod," "The Business English PodClass," for listening practice.
- **News Websites:** The Economist, Bloomberg, and CNBC for reading practice and current vocabulary.

## Tips for Using Bulats Preparation Material Effectively

Maximize your study time with these practical tips:

- **Create a Study Plan:** Structure your preparation around your exam date, balancing all skill areas.
- **Mix Practice Types:** Combine reading, listening, speaking, and writing exercises to develop well-rounded skills.
- **Review Mistakes:** Analyze errors to avoid repeating them in the actual exam.
- **Engage in Real-Life Practice:** Use business correspondence, presentations, and meetings to simulate real scenarios.
- **Join Study Groups or Classes:** Collaborative learning can provide motivation and additional feedback.

## Final Advice for Bulats Success

Achieving a high score on the Bulats exam depends on consistent practice, strategic use of resources, and confidence-building. Remember to:

- Stay motivated and patient throughout your preparation journey.
- Regularly assess your progress and adjust your study plan accordingly.
- Use authentic materials to familiarize yourself with real exam challenges.
- Practice in conditions that mirror the actual test environment to reduce anxiety.

By leveraging the right Bulats preparation material and following a disciplined study approach, you can significantly enhance your language skills and increase your chances of certification success. Good luck with your preparation!

Bulats Preparation Material: An In-Depth Review and Analysis

In today?s globalized economy, the ability to communicate effectively in English has become a crucial skill for professionals across various industries. The Business Language Testing Service (Bulats) is a widely recognized assessment designed to evaluate English language proficiency in a business context. For individuals seeking to demonstrate their language skills or organizations aiming to assess their workforce, comprehensive preparation materials are vital. This article provides an in-depth review of Bulats preparation material, exploring its components, effectiveness, and best practices for prospective test-takers.

## Understanding Bulats and Its Significance

Before diving into preparation resources, it?s essential to understand what Bulats entails. Developed by Cambridge Assessment English, Bulats measures business-related language skills in reading, listening, speaking, and writing. The test is modular, allowing candidates to focus on specific skills or undertake the full exam.

Why is Bulats Important?

- Recognized globally by employers and educational institutions
- Useful for job applications, promotions, or professional development
- Provides a standardized measure of business English proficiency

Given its significance, having access to high-quality preparation material is key to achieving desirable scores.

## Components of Bulats Preparation Material

Bulats preparation resources typically encompass various formats and content types, aligned with the test?s structure. Here, we analyze the main components:

## Official Practice Tests and Sample Questions

The most authoritative preparation material comes directly from Cambridge Assessment English. These include:

- Official practice papers replicating real test conditions
- Sample questions for each section (Reading, Listening, Speaking, Writing)
- Detailed answer keys and explanations

Strengths:

- Authenticity: Closely mirrors the actual exam
- Familiarity: Helps reduce test anxiety by simulating real conditions
- Clarifies question types and formats

Limitations:

- Limited number of practice tests in free resources
- May require purchase or subscription

## Study Guides and Textbooks

Numerous publishers offer comprehensive Bulats prep books, including:

- Cambridge Bulats Practice Tests series
- Business Vocabulary in Use by Cambridge
- Business English Handbook series

Features:

- Cover all skill areas with targeted exercises
- Include strategies for tackling different question types
- Offer vocabulary lists and grammar tips

Strengths:

- Structured learning pathways
- In-depth explanations
- Practice activities with answer keys

Limitations:

- Varying quality depending on publisher
- May be too broad for targeted skill improvement

## Online Courses and Interactive Platforms

Digital resources have surged, offering flexible, interactive preparation options:

- Platforms like Udemy, Coursera, and specialized language sites
- Mobile apps with practice quizzes and flashcards
- Video tutorials explaining test strategies

Strengths:

- Accessibility and convenience
- Interactive exercises enhance engagement
- Immediate feedback on practice activities

Limitations:

- Quality control varies
- Might lack the depth of official materials

## Vocabulary and Grammar Resources

Since language proficiency hinges on vocabulary and grammar, supplementary resources include:

- Business English vocabulary lists
- Grammar practice exercises tailored to business contexts
- Flashcard apps for active recall

Strengths:

- Focused skill building
- Easy integration into daily study routines

Limitations:

- Needs to be combined with practice tests for best results

## Effectiveness of Bulats Preparation Material

The effectiveness of preparation materials depends on several factors, including their alignment with the test structure, learner engagement, and consistency. Here, we evaluate key aspects:

### Authenticity and Relevance

Official materials are inherently authentic and highly relevant, providing a realistic preview of the exam environment. Supplementing with third-party resources can fill gaps but should be chosen carefully to ensure alignment with Bulats standards.

### Comprehensiveness and Coverage

The best preparation sets cover all test components?reading, listening, speaking, and writing?while also addressing vocabulary and grammar. Multi-faceted resources that integrate these aspects tend to produce better outcomes.

### Practice and Feedback

Regular practice using mock tests, coupled with detailed feedback, enhances learning. Resources that include answer keys, model responses, and scoring guides enable learners to identify weak areas and focus their efforts.

### Customization and Flexibility

Flexible materials that adapt to individual learning paces and styles allow candidates to concentrate on their specific needs. Interactive online platforms often excel in this area.

## Best Practices for Using Bulats Preparation Material

To maximize the benefits of available resources, candidates should follow these best practices:

- Set Clear Goals: Define target scores and skill areas needing improvement.
- Use Official Materials First: Prioritize authentic practice tests to familiarize yourself with the exam format.
- Develop a Study Schedule: Regular, consistent study sessions outperform cramming.
- Focus on Weak Areas: Use supplementary vocabulary and grammar resources to strengthen foundational skills.
- Simulate Exam Conditions: Practice under timed conditions to build test stamina.
- Seek Feedback: If possible, work with teachers or language partners who can provide constructive criticism, especially for speaking and writing.
- Track Progress: Keep records of scores and areas improved to stay motivated and adjust strategies.

## Emerging Trends in Bulats Preparation Material

The landscape of language test prep is evolving with technological advances. Notable trends include:

- AI-Powered Practice Tools: Adaptive quizzes that tailor difficulty based on performance.
- Mobile Learning: Apps designed for on-the-go practice, accommodating busy schedules.
- Gamification: Engaging features that motivate continuous learning.
- Community Forums: Peer support and sharing of resources and tips.

These innovations aim to make preparation more engaging, personalized, and effective.

## Conclusion: Selecting the Right Bulats Preparation Material

Choosing effective Bulats preparation material requires careful consideration of the learner?s goals, current proficiency, and preferred learning style. The most reliable resources combine official practice tests with supplementary study guides, vocabulary, and interactive online tools. Consistent practice, realistic simulation, and targeted review form the backbone of successful preparation.

While no single resource guarantees success, a strategic approach that integrates various materials?aligned with the test?s structure?can significantly enhance performance. As the demand for business English proficiency continues to grow, investing in comprehensive, high-quality preparation material is essential for those aspiring to excel in Bulats assessments and leverage their language skills for professional advancement.

Final Tips for Test-Takers:

- Prioritize official practice tests for authenticity.
- Use diverse resources to cover all skill areas.
- Regularly assess progress and adapt your study plan.
- Maintain motivation through set milestones and rewards.

By adopting these strategies and utilizing the best available materials, candidates can confidently approach Bulats and achieve their desired outcomes.

QuestionAnswer What are the best resources for BULATS preparation material? Some of the top resources include official BULATS practice tests, online courses like those from Cambridge, mobile apps, and comprehensive study guides available on educational websites. How can I effectively prepare for the BULATS language skills sections? Practice regularly with sample questions, focus on real-world language usage, improve your vocabulary, and engage in listening and reading exercises to enhance comprehension skills. Are there any free BULATS practice tests available online? Yes, several websites offer free practice tests, including Cambridge's official site, Exam English, and other language learning platforms that simulate the actual exam format. What topics are covered in the BULATS preparation material? BULATS preparation materials typically cover reading, listening, speaking, and writing skills, with a focus on business communication, workplace scenarios, and general language proficiency. How can I improve my time management using BULATS preparation material? Practice with timed mock tests to simulate exam conditions, learn to quickly identify question types, and develop strategies to allocate time efficiently across sections. Are there specific BULATS preparation books recommended by experts? Yes, books like 'BULATS Practice Tests' by Cambridge and other dedicated language exam prep books are highly recommended for structured practice and comprehensive coverage. Can I prepare for BULATS using online courses and tutorials? Absolutely. Many online platforms offer courses, video tutorials, and interactive exercises tailored for BULATS, helping learners prepare effectively at their own pace. How important are vocabulary and business idioms in BULATS preparation material? They are quite important as BULATS assesses workplace language skills. Building a strong business vocabulary and understanding common idioms can improve both comprehension and expression. What is the best way to simulate the actual BULATS exam environment during preparation? Take full-length practice tests under timed conditions in a quiet environment, use official sample questions, and replicate the exam setting to build confidence and reduce anxiety. How often should I review my BULATS practice material to ensure steady progress? Regular review is key; aim to revisit difficult questions and concepts weekly, while consistently practicing full-length tests every few weeks to track improvement and adjust your study plan.

**Related keywords:** Bulats practice tests, Bulats sample questions, Bulats study guide, Bulats exam tips, Bulats vocabulary, Bulats reading practice, Bulats listening exercises, Bulats grammar review,

Bulats online courses, Bulats preparation books

**Read the full article online:** bulats preparation material