

November 2012 chemistry 9701 paper 13 Workbook

November 2012 Chemistry 9701 Paper 13 is a significant examination paper that has garnered attention among chemistry students and educators preparing for Cambridge International AS & A Level exams. This paper not only tests students' understanding of fundamental chemical principles but also assesses their ability to apply concepts to real-world situations. In this comprehensive guide, we will delve into the structure of the paper, key topics covered, tips for effective preparation, and how to analyze past papers for better exam performance.

Understanding the Structure of November 2012 Chemistry 9701 Paper 13

Format and Components

November 2012 Chemistry 9701 Paper 13 typically comprises a series of questions designed to evaluate a candidate's practical skills, analytical thinking, and theoretical knowledge. The paper usually includes:

- **Section A:** Multiple-choice questions focusing on fundamental concepts and basic calculations.
- **Section B:** Structured questions requiring detailed written answers, including explanations, calculations, and data analysis.
- **Section C:** Extended questions that may involve experimental design, interpretation of experimental data, or application of chemical principles to novel scenarios.

The total duration for the exam is generally 2 hours, and students are expected to demonstrate clarity, accuracy, and depth in their responses.

Marking Scheme and Grading

Understanding the marking scheme is crucial for effective exam preparation. Typically, each section has a specified number of marks, with longer or more complex questions attracting higher points. Precise marking guidelines help students prioritize questions and allocate their time efficiently during the exam.

Key Topics Covered in the November 2012 Chemistry 9701 Paper 13

The paper covers a broad spectrum of chemistry topics aligned with the Cambridge syllabus. Familiarity with these areas is essential for success.

1. Atomic Structure and Periodicity

- Electron configurations
- Periodic table trends (atomic radius, ionization energy, electronegativity)
- Isotopes and atomic masses

2. Bonding and Structure

- Ionic, covalent, and metallic bonding
- Shapes of molecules (VSEPR theory)
- Intermolecular forces

3. Stoichiometry and Calculations

- Mole concept
- Empirical and molecular formulas
- Gas laws and molar volume

4. Chemical Equilibria and Kinetics

- Equilibrium constants (K_c , K_p)
- Le Chatelier's principle
- Factors affecting reaction rates

5. Acids, Bases, and pH

- Acid-base theories (Arrhenius, Brønsted-Lowry, Lewis)
- pH calculations
- Titrations and buffers

6. Organic Chemistry

- Hydrocarbons (alkanes, alkenes, alkynes)
- Functional groups (alcohols, carboxylic acids, esters)
- Isomerism and reactions (substitution, addition, elimination)

7. Redox and Electrochemistry

- Oxidation states
- Redox reactions
- Electrochemical cells and standard potentials

8. Analytical Techniques

- Spectroscopy
- Chromatography
- Titration methods

Effective Strategies for Preparing for November 2012 Chemistry 9701 Paper 13

Proper preparation is the key to excelling in this paper. Here are some strategic tips:

1. Master the Syllabus

- Familiarize yourself with the detailed syllabus outline.
- Focus on understanding core concepts rather than rote memorization.

2. Practice Past Papers

- Analyze previous exam papers, especially the November 2012 Paper 13.
- Time yourself to simulate exam conditions.
- Review examiner reports to understand common pitfalls and expectations.

3. Develop Strong Practical Skills

- Practice data analysis and interpretation.
- Conduct or review laboratory experiments to reinforce theoretical knowledge.

- Be comfortable with calculations and experimental design.

4. Use Quality Revision Resources

- Refer to textbooks, revision guides, and online tutorials.
- Utilize flashcards for memorizing formulas, definitions, and key facts.

5. Focus on Application and Problem-Solving

- Work through challenging questions that require applying concepts to unfamiliar scenarios.
- Enhance your critical thinking skills by discussing topics with peers or tutors.

Analyzing Past Papers for Better Preparation

Analyzing past papers, such as the November 2012 Chemistry 9701 Paper 13, helps identify recurring question patterns and important topics.

1. Identify Frequently Tested Topics

- Review multiple past papers to see which areas are emphasized.
- Prioritize studying these topics thoroughly.

2. Understand Question Styles

- Notice whether questions are conceptual, calculation-based, or data interpretation.
- Practice these styles to improve confidence and efficiency.

3. Review Marking Schemes and Examiner Reports

- Examine mark schemes to understand what examiners look for.
- Read examiner comments to gain insights into common mistakes and best practices.

4. Time Management Practice

- Use past papers to develop time allocation strategies for each section.

- Ensure you can complete all questions within the allotted time.

Sample Questions from November 2012 Paper 13 and How to Approach Them

While the actual questions vary, typical examples include:

1. Calculations involving moles and gases

- Example: Calculate the volume of hydrogen gas produced at room temperature and pressure when a specified amount of zinc reacts with hydrochloric acid.
- Approach: Use stoichiometry, gas laws, and appropriate conversion factors.

2. Explanation of bonding and structure

- Example: Describe the bonding in diamond and graphite, and relate their properties.
- Approach: Discuss covalent bonding, delocalization, and physical properties like hardness and electrical conductivity.

3. Organic reaction mechanisms

- Example: Outline the mechanism for the addition of bromine to an alkene.
- Approach: Show step-by-step electron movement, intermediates, and the overall reaction.

Conclusion: Preparing Effectively for November 2012 Chemistry 9701 Paper 13

Success in Chemistry Paper 13 hinges on a solid understanding of core concepts, diligent practice, and strategic exam techniques. Familiarity with the structure and typical questions of the November 2012 paper can significantly enhance your preparedness. Remember to analyze past papers thoroughly, focus on weak areas, and hone your practical and problem-solving skills. With consistent effort and effective revision strategies, achieving a high score in this paper is within reach.

By integrating these insights into your study plan, you can approach the exam with confidence and demonstrate your mastery of chemistry principles effectively.

November 2012 Chemistry 9701 Paper 13: An In-Depth Analysis and Guide for Success

When revisiting the November 2012 Chemistry 9701 Paper 13, students and educators alike often seek a comprehensive breakdown to understand the nuances of the exam, identify key concepts tested, and strategize for future attempts. This paper, part of a series that challenges candidates to showcase their mastery of chemistry at the advanced level, offers a rich mixture of theoretical questions, problem-solving exercises, and practical application scenarios. In this guide, we will analyze each section in detail, highlighting common pitfalls, effective approaches, and the core knowledge required to excel.

Overview of the November 2012 Chemistry 9701 Paper 13

Before diving into the specifics, it's essential to understand the structure and scope of this examination paper. The paper is generally divided into three main sections:

- Section A: Multiple Choice Questions (MCQs) ? typically 10 questions covering broad topics.
- Section B: Structured Questions ? usually 5 questions, each with multiple parts, requiring detailed written responses.
- Section C: Extended Open-Ended Questions ? often 2 or 3 questions demanding in-depth analysis, calculations, and detailed explanations.

The total marks for the paper are usually around 70, with a time allocation of approximately 2 hours. The questions aim to test a candidate's understanding of core concepts, their ability to apply principles to novel situations, and their problem-solving skills.

Key Topics Covered in the Paper

While the exact questions vary, typical topics emphasized in the November 2012 paper include:

- Atomic structure and the periodic table
- Chemical bonding and molecular structure
- Kinetics and reaction mechanisms
- Thermodynamics and energetics
- Organic chemistry, including mechanisms and functional group transformations
- Analytical techniques and spectroscopy
- Equilibrium and acid-base theories

Understanding these core areas is vital for approaching the exam confidently.

Detailed Breakdown of Each Section

Section A: Multiple Choice Questions

Purpose and Approach:

MCQs test foundational knowledge and quick recall. They often include conceptual questions, calculations, and application-based items.

Sample Focus Areas in 2012 Paper:

- Electron configurations and periodic trends
- Types of chemical bonds and molecular geometries
- Basic calculations involving moles, molar masses, and concentrations
- Definitions and implications of concepts like oxidation states and enthalpy changes

Tips for Success:

- Read each question carefully before looking at options
- Eliminate obviously incorrect choices first
- Watch out for distractors that test your understanding of common misconceptions
- Manage your time, aiming to spend no more than 1-2 minutes per question

Section B: Structured Questions

Purpose and Approach:

These questions assess your ability to articulate scientific explanations, perform calculations, and apply concepts to specific scenarios.

Sample Topics in 2012 Paper:

- Deriving and interpreting rate equations from experimental data
- Explaining bonding in molecules, including hybridization and shape
- Calculating enthalpy changes using Hess's Law or bond enthalpies
- Discussing the implications of Le Chatelier's Principle in equilibrium systems

Effective Strategies:

- Carefully read each part and identify exactly what is being asked
- Break down multi-part questions into manageable steps
- Use clear scientific language and include relevant diagrams where appropriate
- Show all calculations with proper units and significant figures
- Link theory to real-world applications or examples to demonstrate depth

Section C: Extended Open-Ended Questions

Purpose and Approach:

These are the most challenging questions designed to evaluate comprehensive understanding, analytical thinking, and synthesis of knowledge.

Sample Focus Areas in 2012 Paper:

- Mechanisms of organic reactions, such as nucleophilic substitutions or electrophilic additions
- Designing experimental procedures or predicting products of reactions
- Analyzing spectroscopic data (e.g., NMR, IR) to identify compounds
- Applying thermodynamic principles to real systems, like predicting spontaneity or equilibrium positions

Tips for Mastery:

- Read the question multiple times to ensure clarity on what is required
- Plan your answer before writing, outlining key points and calculations
- Justify each step with scientific reasoning
- Incorporate diagrams, equations, and data analysis to support your answers
- Manage your time effectively to allow thorough responses without rushing

Common Challenges and How to Overcome Them

- Memorization vs. Understanding:

Many students rely on rote memorization, which can falter when questions require application. Focus on understanding concepts deeply?such as why certain reactions occur or how molecular shapes influence properties.

- Time Management:

Extended questions can be time-consuming. Practice past papers under timed conditions to improve speed and accuracy.

- Application of Data:

Questions involving calculations often include data that can be manipulated in multiple ways. Practice interpreting data and choosing the most efficient approach.

- Drawing and Labeling Diagrams:

Clear, well-labeled diagrams can significantly enhance your answers, especially in organic mechanisms and molecular structures.

Practice Tips and Resources

- Review Past Papers: Regularly practice papers from previous years, especially focusing on the November 2012 paper to familiarize yourself with question styles and difficulty levels.

- Use Mark Schemes: Study official mark schemes to understand how marks are awarded and what examiners look for.

- Understand Common Question Patterns: For example, organic mechanisms often follow predictable steps; recognizing these can save time.

- Strengthen Core Skills: Improve your graph plotting, data analysis, and chemical equation balancing.

- Join Study Groups: Collaborate with peers to discuss challenging questions and clarify concepts.

Final Thoughts: Preparing for Success

The November 2012 Chemistry 9701 Paper 13 exemplifies a balanced assessment of theoretical knowledge and practical application. Success hinges on a combination of strong conceptual understanding, effective exam techniques, and consistent practice. By analyzing past papers, honing problem-solving skills, and mastering core topics, students can enhance their confidence and performance.

Remember, chemistry is not just about memorizing facts but about understanding the underlying principles that govern chemical behavior. Approach each question methodically, justify your

reasoning, and stay calm under exam conditions. With diligent preparation, you can tackle similar questions with confidence and achieve your desired results.

Good luck in your studies and future examinations!

QuestionAnswer What were the main topics covered in the November 2012 Chemistry 9701 Paper 13? The paper primarily focused on organic chemistry, inorganic chemistry, physical chemistry, and practical skills related to titrations and qualitative analysis. How should students approach the Organic Chemistry questions in the November 2012 Paper 13? Students should focus on understanding reaction mechanisms, functional group transformations, and nomenclature, as these were prominent in the exam. Practice of structural formulas and reaction pathways is essential. What are some common challenges students faced with the Inorganic Chemistry section of the November 2012 Paper 13? Students often struggled with balancing equations, understanding periodic trends, and applying concepts related to transition metals and their compounds. Were there any specific practical skills tested in the November 2012 Paper 13, and how can students prepare for them? Yes, practical questions involved titrations and qualitative analysis. Students should practice laboratory-based calculations, reagent identification, and procedures for analyzing unknown samples. Which questions from the November 2012 Paper 13 are considered most significant for exam success? Questions involving reaction mechanisms, chemical equations, and data analysis are crucial. Focusing on past paper patterns helps identify frequently tested topics. How can students effectively revise for the Chemistry 9701 Paper 13 based on the November 2012 exam? Students should review key concepts, practice past papers especially Paper 13, and focus on understanding the application of theories rather than rote memorization. Are there any specific tips for handling time management during the November 2012 Chemistry Paper 13? Yes, allocate time based on question marks, start with easier questions to secure marks early, and leave challenging questions for later to ensure completion of all sections.

Related keywords: November 2012, Chemistry 9701, Paper 13, chemistry exam, Cambridge International, chemistry syllabus, chemistry questions, chemistry answers, chemistry revision, chemistry practice, exam paper

november 2014 matric exam timetable

November 2014 matric exam timetable is a crucial resource for students, teachers, and parents preparing for South Africa's National Senior Certificate exams. The timetable provides detailed scheduling information for each subject, allowing students to plan their study time effectively and ensure they are prepared for each examination day. Understanding the timetable's layout, exam dates, and subject order can help alleviate stress and facilitate smooth exam preparations.

In this comprehensive guide, we will explore the November 2014 matric exam timetable in detail. Whether you are a student revisiting your past exams, a teacher reviewing exam schedules, or simply interested in the structure of this important academic event, this article offers valuable insights.

Overview of the November 2014 Matric Exam Timetable

The November 2014 matric exam timetable was organized to span over several weeks, typically starting in early November and concluding by the end of the month. The schedule is carefully crafted to balance subjects and provide adequate preparation time for students.

Key Features of the 2014 Timetable

- Duration: The exams usually lasted about three to four weeks.
- Subjects Covered: All major subjects, including languages, sciences, commerce, and arts.
- Exam Format: Written papers, practical assessments, and oral exams where applicable.
- Daily Sessions: Usually two sessions per day?morning and afternoon?to accommodate different subjects.

Detailed Breakdown of the November 2014 Matric Exam Schedule

Below is a general overview of the timetable, highlighting key dates and subject examinations. For precise dates, students should always refer to official sources or past exam archives.

Week 1: Early November

- November 4?7: Language Papers (English Home Language, Afrikaans, isiXhosa, etc.)
- November 5: Mathematics Paper 1 (Mathematical Literacy and Mathematics Paper 1)
- November 6: Life Sciences Paper 1, Physical Sciences Paper 1
- November 7: Business Studies, Economics

Week 2: Mid-November

- November 10: Language Paper 2 (English First Additional Language, Afrikaans First Additional Language, etc.)
- November 11: Mathematical Literacy Paper 2, Mathematics Paper 2
- November 12: Life Sciences Paper 2, Physical Sciences Paper 2
- November 13: Accounting, Geography

Week 3: Late November

- November 17: Arts and Culture, Visual Arts practical exams
- November 18: Agricultural Sciences, Consumer Studies
- November 19: Life Orientation (optional or practical components)
- November 20: Final revision days for core subjects

Final Days: End of November

- November 24-28: Additional practical exams, supplementary assessments, or special arrangements

Subject-Specific Exam Dates and Details

Understanding the specific dates for each subject can help students prioritize their revision efforts. Here's a subject-wise overview based on the 2014 timetable.

Languages

- English Home Language & First Additional Language:
 - Paper 1: Early November (4-7)
 - Paper 2: Mid-November (10)
- Afrikaans & isiXhosa:
 - Similar scheduling to English, with initial papers in the first week and second papers in the second week.

Mathematics and Mathematical Literacy

- Mathematics Paper 1: November 5
- Mathematics Paper 2: November 11
- Mathematical Literacy Paper 1: November 5
- Mathematical Literacy Paper 2: November 11

Sciences

- Life Sciences:

- Paper 1: November 6
- Paper 2: November 12
- Physical Sciences:
 - Paper 1: November 6
 - Paper 2: November 12

Social Sciences and Business

- History, Geography, Business Studies, Economics: scheduled mainly between November 7 and November 13.

Arts and Practical Subjects

- Visual Arts: practical exams scheduled around November 17
- Agricultural Sciences & Consumer Studies: later in the schedule, around November 18

Preparation Tips Based on the 2014 Timetable

Knowing the timetable is just the first step. To excel, students should develop effective study strategies aligned with the exam schedule.

Create a Study Plan

- Review the timetable early to identify exam dates.
- Allocate more revision time to subjects scheduled soonest.
- Balance theoretical revision with practical exercises.

Practice Past Papers

- Use the previous November 2014 papers to familiarize yourself with question formats.
- Simulate timed exams to build confidence and time management skills.

Prioritize Difficult Subjects

- Focus on subjects that require more revision or practical work.
- Seek additional help or resources for challenging topics.

Manage Stress and Time

- Maintain a healthy routine with balanced study and rest.
- Avoid last-minute cramming; spread out revision over available days.

Resources for the November 2014 Matric Exam Timetable

Students and educators can access various resources to aid in exam preparation:

- Official Exam Timetable: Usually published on the Department of Basic Education's website.
- Past Exam Papers: Available through educational portals and official archives.
- Study Guides: Many publishers released guides aligned with the 2014 syllabus.
- Teacher Support Materials: Provided to schools to prepare students effectively.

Conclusion

The **November 2014 matric exam timetable** was a carefully arranged schedule designed to facilitate fair and organized assessment for thousands of students across South Africa. Understanding the timetable's structure, key dates, and subject allocations enables students to plan their revision effectively, reduce exam anxiety, and perform at their best. Whether revisiting past exams for practice or preparing for future assessments, detailed knowledge of the timetable remains a valuable tool in achieving academic success.

By staying organized and following a disciplined study routine aligned with the timetable, students can navigate the exam period confidently and aim for their desired results. Remember, thorough preparation, consistent effort, and good time management are the keys to success in the November 2014 matric exams and beyond.

November 2014 Matric Exam Timetable: An In-Depth Analysis of the Schedule, Implications, and Student Preparation

The November 2014 matric exam timetable marked a significant milestone in South Africa's academic calendar, serving as the culmination of years of hard work for thousands of students across the nation. This timetable not only dictated the daily schedule for hundreds of thousands of candidates but also reflected broader educational policies, logistical planning, and the challenges faced by the Department of Basic Education. Analyzing the timetable provides valuable insights into how exam scheduling impacts student performance, resource allocation, and the overall integrity of the examination process.

Understanding the Structure of the November 2014 Matric Exam Timetable

The Framework and Duration

The November 2014 matric exam timetable was structured to span approximately three weeks, typically from early November to mid-November, aligning with the national examination period for Grade 12 learners. The schedule was designed to accommodate a diverse array of subjects, including languages, sciences, commerce, and humanities, each with specific time slots optimized for exam integrity and logistical feasibility.

The timetable's duration allowed for the sequential and, in many cases, overlapping scheduling of exams, necessitating meticulous planning to prevent student fatigue and ensure equitable access to examination venues.

Subject Distribution and Time Slots

The timetable was divided into morning and afternoon sessions, with most papers scheduled in the morning, generally starting at 09h00, and some practical or oral components scheduled for later in the day or in designated sessions. The distribution aimed to:

- Balance the workload across days
- Allocate sufficient preparation time between exams
- Minimize clashes for students enrolled in multiple subjects

Subjects like Languages (e.g., English First Additional Language, Afrikaans), Mathematics, Physical Sciences, Life Sciences, Accounting, and History were scheduled strategically to avoid consecutive exams that could overwhelm students.

Key Features and Highlights of the 2014 Schedule

Inclusion of Practical and Oral Exams

Beyond written papers, the timetable incorporated practical exams for subjects like Physical Sciences, Life Sciences, and Technical Subjects. Oral exams for languages and other subjects were scheduled separately, often requiring additional logistical arrangements. The timetable provided clear dates for these components, emphasizing the importance of practical assessment in the overall grading process.

Spacing and Rest Periods

A critical feature of the timetable was the emphasis on spacing exams to allow students adequate rest and revision time. For example, the schedule avoided back-to-back exams in the same subject and ensured at least a day gap between related papers, such as Paper 1 and Paper 2 for language subjects.

Special Arrangements and Accommodations

The timetable also accounted for students with special needs, providing alternative dates or venues as needed. It included provisions for early or late sittings to accommodate absentees or students affected by unforeseen circumstances.

Implications of the 2014 Examination Timetable

Impact on Student Preparation and Performance

The scheduling of exams directly influences student performance. Well-planned time slots allow learners to prepare effectively, reducing anxiety and fatigue. The 2014 timetable's strategic spacing aimed to optimize student readiness, especially for high-stakes subjects like Mathematics and Physical Sciences, which require extensive revision and mental endurance.

However, some students expressed concerns about the clustering of certain exams, which could lead to heightened stress levels. For instance, consecutive exams in related subjects might challenge students' ability to perform at their best across all assessments.

Logistical Challenges and Resource Management

Organizing a nationwide exam of this scale demands meticulous logistical planning. The timetable had to accommodate:

- Adequate examination centers
- Invigilation arrangements
- Secure distribution of exam papers
- Provision for special accommodations

The 2014 timetable reflected these considerations, with designated days for centralized marking and moderation, ensuring exam integrity and fairness.

Ensuring Fairness and Accessibility

The schedule aimed to ensure equitable access for all students, including those in remote or

under-resourced areas. By standardizing exam dates and times, the Department sought to minimize disparities and prevent scheduling conflicts that could disadvantage learners.

Analysis of the 2014 Matric Exam Timetable: Strengths and Challenges

Strengths

- **Structured and Clear Scheduling:** The timetable provided detailed dates and times for each subject, reducing confusion and last-minute scheduling conflicts.
- **Balanced Workload:** By spacing exams appropriately, the schedule helped prevent student burnout and allowed for effective revision.
- **Inclusion of Practical Components:** Dedicated slots for practical and oral exams recognized the comprehensive nature of assessment and ensured fairness.
- **Accommodation for Special Needs:** Flexibility was built into the timetable to cater to diverse student needs, promoting inclusivity.

Challenges and Concerns

- **Scheduling Conflicts for Some Subjects:** Despite best efforts, some students faced clashes between exams, especially those enrolled in multiple complex subjects.
- **Pressure on Examination Centers:** High-stakes periods increased logistical demands on centers, including security, invigilation, and resource management.
- **Potential for Overlap and Fatigue:** For some students, consecutive exams in related subjects could lead to fatigue impacting performance.
- **Limited Flexibility:** Fixed schedules meant that unforeseen circumstances, such as illness or emergencies, could cause significant disruptions for affected students.

Looking Forward: Lessons from the 2014 Timetable for Future Examinations

Analyzing the 2014 timetable offers valuable lessons for future examination scheduling:

- **Enhanced Flexibility:** Incorporating contingency days could mitigate disruptions caused by unforeseen events.
- **Staggered Scheduling for High-Pressure Subjects:** Further spacing of critical exams might alleviate student stress.
- **Increased Use of Technology:** Digital platforms could streamline scheduling, distribution, and

communication, making adjustments more responsive.

- Student Feedback Integration: Actively involving learners in scheduling discussions could improve satisfaction and reduce conflicts.

Conclusion

The November 2014 matric exam timetable exemplifies the complex interplay between logistical planning, educational policy, and student welfare. While it demonstrated strengths in structuring and fairness, challenges inherent in scheduling a nationwide high-stakes exam remain. As South Africa continues to refine its examination processes, lessons from past schedules like that of 2014 will inform strategies to further enhance fairness, accessibility, and student success. Ultimately, the timetable is more than just a schedule; it is a reflection of the country's commitment to upholding academic standards and supporting its learners in their pursuit of excellence.

QuestionAnswer When was the November 2014 matric exam timetable released? The timetable for the November 2014 matric exams was typically released a few months prior to the exams, around August or September 2014, by the Department of Basic Education. Where can I find the official November 2014 matric exam timetable? The official timetable was available on the Department of Basic Education's website and posted at various schools and education offices. What are the key dates for the November 2014 matric exams? The exams generally started in early November and concluded by late November. Specific dates for each subject were detailed in the timetable, with English Paper 1 typically on the first day. Did the November 2014 matric exam timetable include practical exams? Yes, practical exams for subjects like Physical Science, Technical Subjects, and Art were scheduled separately and included in the timetable. Were there any changes to the November 2014 matric exam timetable due to unforeseen circumstances? Any changes or updates to the timetable would have been communicated through official channels; however, there were no widely reported major changes for 2014. How can students prepare using the November 2014 exam timetable? Students could use the timetable to plan their study schedules, ensure they are prepared for each exam date, and organize practicals and revision accordingly. Was there a specific timetable for supplementary or special exams in November 2014? Supplementary exams, if any, were scheduled separately and announced after the main exams, with their own timetable released later. Are past exam timetables like November 2014 still accessible online? Yes, historical exam timetables are often archived on the Department of Basic Education's website or educational resource sites for reference.

Related keywords: November 2014 matric exam timetable, matric exam schedule 2014, NSC exam timetable 2014, South Africa matric exams November 2014, matric exam timetable PDF 2014, matric exams November 2014 dates, matric examination schedule 2014, matric exam timetable South Africa, November 2014 matric exam timetable download, matric exam timetable 2014 South Africa

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