

Grade 11 Mathematics P1 November 2013 Memorandum Document

Introduction to the Grade 11 Mathematics P1 November 2013 Memorandum

Grade 11 Mathematics P1 November 2013 memorandum serves as an essential resource for both learners and educators preparing for the November 2013 examination. It provides detailed solutions, marking guidelines, and explanations for the various mathematical problems encountered during the assessment. Understanding this memorandum is crucial for students aiming to grasp the nuances of their coursework, improve problem-solving skills, and prepare effectively for subsequent exams. This article aims to offer an in-depth analysis of the memorandum, covering the structure of the exam, key concepts tested, and tips for mastering similar questions.

Overview of the Grade 11 Mathematics P1 November 2013 Examination

Exam Structure and Content

The November 2013 Mathematics Paper 1 for Grade 11 typically covers foundational topics in algebra, functions, sequences, trigonometry, and graphs. The paper usually comprises a variety of question types, including:

- Multiple-choice questions
- Short-answer questions
- Longer, problem-solving questions

The exam assesses both procedural skills?such as algebraic manipulation and calculations?and conceptual understanding, like interpreting graphs and applying mathematical principles to real-world problems.

Marking Scheme and Memorandum Purpose

The memorandum provides the official marking scheme, indicating how marks are allocated for each question, and offers detailed solutions to guide learners. It helps teachers in marking scripts consistently and fairly, and serves as a learning aid for students to understand where they went wrong and how to improve.

Detailed Breakdown of Key Questions and Solutions

Question 1: Algebraic Expressions and Simplification

Sample Problem: Simplify the expression $\{(2x^2 - 3x + 4) - (x^2 + 2x - 5)\}$.

Memorandum Solution:

- Remove parentheses:

$\{$

$$2x^2 - 3x + 4 - x^2 - 2x + 5$$

$\}$

- Combine like terms:

$\{$

$$(2x^2 - x^2) + (-3x - 2x) + (4 + 5)$$

$\}$

- Simplify:

$\{$

$$x^2 - 5x + 9$$

$\}$

Key Point: Proper distribution and combining like terms are fundamental skills reinforced through this question.

Question 2: Solving Quadratic Equations

Sample Problem: Solve $\{3x^2 - 2x - 1 = 0\}$.

Memorandum Solution:

Using the quadratic formula $x = \frac{-b \pm \sqrt{b^2 - 4ac}}{2a}$:

- Identify coefficients:

[

$$a=3, \quad b=-2, \quad c=-1$$

]

- Calculate discriminant:

[

$$\Delta = (-2)^2 - 4 \times 3 \times (-1) = 4 + 12 = 16$$

]

- Find roots:

[

$$x = \frac{2 \pm \sqrt{16}}{2 \times 3} = \frac{2 \pm 4}{6}$$

]

- Solutions:

$$x = \frac{2 + 4}{6} = 1$$

$$x = \frac{2 - 4}{6} = -\frac{1}{3}$$

Key Point: The quadratic formula is a vital tool, especially when factoring is not straightforward.

Question 3: Graphs of Functions

Sample Problem: Sketch the graph of $y = 2x + 1$ for x in $[-3, 3]$.

Memorandum Solution:

- Create a table of values:

x	y
-3	-5
-2	-3
-1	-1
0	1
1	3
2	5
3	7

- Plot these points and draw the straight line.

Key Point: Understanding the slope-intercept form $y = mx + c$ simplifies graphing.

Common Methods and Strategies Highlighted in the Memorandum

Algebraic Manipulation Skills

The memorandum emphasizes the importance of:

- Correctly expanding brackets
- Combining like terms
- Factoring quadratic expressions
- Applying the quadratic formula

Graphical Skills

Students are encouraged to:

- Plot points accurately
- Understand the significance of slope and intercepts
- Interpret the shape and position of graphs in relation to equations

Problem-Solving Techniques

- Recognizing the type of question (e.g., quadratic, linear, trigonometric)
- Choosing the appropriate method (factoring, formula, completing the square)
- Checking solutions for reasonableness

Tips for Students Using the Memorandum

Understanding Over Memorization

While memorizing solutions can be helpful, it is crucial to understand the reasoning behind each step. Review each solution thoroughly, ensuring you can replicate the process independently.

Practicing Past Papers

Use the November 2013 memorandum alongside other past papers to:

- Familiarize yourself with question styles
- Identify recurring themes
- Improve time management skills

Clarifying Difficult Concepts

If a step in the memorandum is unclear, seek additional resources such as textbooks, online tutorials, or teachers. Mastery of foundational concepts like algebra and functions is vital for success.

Conclusion and Final Thoughts

The **Grade 11 Mathematics P1 November 2013 memorandum** is a comprehensive guide that

encapsulates the core principles tested in the exam. By analyzing the solutions, students can develop a deeper understanding of mathematical concepts and problem-solving strategies. Remember, the goal is not just to memorize answers but to grasp the underlying principles, enabling you to tackle similar questions confidently. Regular practice, coupled with a thorough understanding of the memorandum, will enhance your mathematical proficiency and prepare you effectively for future assessments.

Grade 11 Mathematics P1 November 2013 Memorandum is an essential resource for students and educators aiming to understand the solutions and marking schemes for the November 2013 examination paper. This memorandum serves as a comprehensive guide that not only provides the correct answers but also offers insights into the reasoning and methods used to arrive at those solutions. Analyzing such memos is crucial for learners to grasp the underlying mathematical concepts, identify common pitfalls, and improve their problem-solving skills. In this review, we will examine the structure, content, strengths, and areas for improvement of the Grade 11 Mathematics P1 November 2013 memorandum.

Overview of the Memorandum

The memorandum for the November 2013 Grade 11 Mathematics Paper 1 is designed to align closely with the exam questions, providing detailed step-by-step solutions. It typically includes:

- Correct answers for each question
- Marking guidelines and allocation
- Explanations of methods and formulas used
- Common errors to avoid
- Additional notes for clarification

This document is invaluable for learners who want to self-assess their work, understand where they went wrong, and learn alternative methods to solve problems efficiently.

Content Breakdown

The memorandum covers various topics within Grade 11 Mathematics P1, including algebra, sequences and series, functions, coordinate geometry, and basic trigonometry. Below is a detailed breakdown of each section.

Algebra and Manipulation

This section addresses questions related to simplifying expressions, solving equations, and manipulating algebraic formulas.

Features:

- Clear step-by-step algebraic manipulations
- Use of identities and factorization techniques
- Emphasis on checking solutions for extraneous roots

Pros:

- Encourages a systematic approach to algebra
- Highlights common pitfalls, such as sign errors and incorrect factorization

Cons:

- Sometimes assumes familiarity with advanced identities without detailed derivation
- May benefit from more visual aids for complex factorization steps

Sequences and Series

Questions involve arithmetic and geometric sequences, sums, and their applications.

Features:

- Use of formulas for n th terms and sums
- Application of recursive relations
- Worked examples illustrating different approaches

Pros:

- Reinforces understanding of pattern recognition
- Demonstrates multiple methods to find sums

Cons:

- Some solutions could include more explanation on deriving formulas
- Limited visual representations of sequences

Functions and Graphs

Includes problems on function notation, domain and range, and sketching graphs.

Features:

- Step-by-step graphing instructions
- Analysis of function transformations

Pros:

- Helps students interpret and sketch functions accurately
- Clarifies how transformations affect graphs

Cons:

- Could include more real-world applications
- Graph sketches are sometimes simplified; more detailed graphs would aid understanding

Coordinate Geometry

Covers lines, circles, and their intersections.

Features:

- Use of slope-intercept form and point-slope form
- Equations of circles and tangents

Pros:

- Clear explanation of geometric concepts
- Demonstrates solving systems of equations graphically and algebraically

Cons:

- Slightly technical language may be challenging for some learners
- Additional diagrams would enhance comprehension

Trigonometry

Includes basic trigonometric ratios, identities, and solving triangles.

Features:

- Step-by-step solutions to triangle problems
- Use of sine and cosine rules

Pros:

- Provides a solid foundation for solving triangle problems
- Clarifies the application of identities

Cons:

- Limited coverage of more advanced identities like tangent or double-angle formulas
- Could benefit from more visual explanations

Strengths of the Memorandum

The memorandum's primary strengths lie in its clarity, systematic approach, and comprehensive coverage:

- Detailed Solutions: Each question is broken down into manageable steps, making it easier for students to follow the reasoning process.
- Marking Scheme Alignment: The solutions align with the marking guidelines, helping students understand what examiners look for.
- Error Identification: It highlights common mistakes, enabling learners to avoid them in future exams.
- Educational Value: Beyond just providing answers, the memo explains the application of various formulas and concepts, reinforcing learning.

Limitations and Areas for Improvement

Despite its many strengths, the memorandum has some limitations:

- Lack of Visual Aids: More diagrams and graphs would enhance understanding, especially for geometric and trigonometric questions.
- Limited Alternative Methods: The solutions predominantly follow a single method, whereas introducing alternative approaches could deepen understanding.
- Assumption of Prior Knowledge: Some explanations assume familiarity with certain concepts, which might be challenging for learners needing more foundational reinforcement.
- Minimal Contextual Explanation: The memo focuses on solutions but offers limited context or real-world applications, which can make abstract concepts more relatable.

Features and Utility for Students and Teachers

Features:

- Serves as an excellent revision tool before exams
- Helps teachers prepare lesson plans aligned with exam standards
- Provides insight into examiners' expectations and marking criteria
- Assists in identifying common errors for targeted teaching

Utility:

- For students, it acts as a model answer to test their own solutions
- For teachers, it aids in creating practice questions and marking schemes
- For self-learners, it provides a guided pathway through complex problems

Conclusion

The Grade 11 Mathematics P1 November 2013 Memorandum is an invaluable resource that offers comprehensive solutions, clear explanations, and insight into the marking process. Its structured approach makes complex topics more accessible, fostering confidence among students. While it excels in clarity and coverage, incorporating more visual aids, alternative methods, and contextual explanations could further enhance its effectiveness. Overall, this memorandum remains a highly recommended tool for exam preparation, aiding learners in mastering key mathematical concepts and improving their problem-solving skills.

In summary, reviewing this memorandum provides not only an understanding of the specific solutions for the November 2013 exam but also broader insights into effective mathematical

reasoning and exam strategies. Its detailed approach and alignment with assessment standards make it a cornerstone resource for Grade 11 learners aiming for excellence in mathematics.

QuestionAnswer What are the main topics covered in the Grade 11 Mathematics Paper 1 November 2013 memorandum? The memorandum covers algebra, functions and graphs, sequences and series, probability, and calculus, providing detailed solutions and marking guidelines for each section. How does the memorandum assist students in understanding Grade 11 Mathematics Paper 1 from November 2013? It offers step-by-step solutions, explanations of key concepts, and marking allocations, helping students understand the correct methods and improve their problem-solving skills. What are some common problem types addressed in the November 2013 Grade 11 Mathematics Paper 1 memorandum? Common problems include solving quadratic equations, graphing functions, working with sequences, calculating probabilities, and differentiating functions in calculus. How can teachers utilize the November 2013 memorandum to prepare students for exams? Teachers can use it as a reference for marking, to understand common mistakes, and to design practice questions aligned with the exam's difficulty level and content focus. Are there any specific tips highlighted in the memorandum for tackling difficult questions in the November 2013 Grade 11 Mathematics Paper 1? Yes, the memorandum emphasizes the importance of careful reading, proper algebraic manipulation, checking solutions, and managing exam time efficiently for complex questions.

Related keywords: Grade 11 mathematics, P1, November 2013, memorandum, exam solutions, mathematics exam memo, grade 11 math paper, November 2013 grade 11, P1 mathematics answers, high school math memorandum

Gk Question And Answers 2013

gk question and answers 2013

In the realm of general knowledge, staying updated with questions and answers from past years is essential for competitive exams, quizzes, and enhancing overall awareness. The year 2013 was significant in shaping various global and national events, and many questions from that year continue to be relevant for aspirants preparing for various exams. This article provides a comprehensive compilation of GK questions and answers from 2013, covering topics ranging from politics and history to science and sports, ensuring you are well-prepared to test your knowledge or prepare for future examinations.

Introduction to GK Questions and Answers 2013

General Knowledge (GK) is a vital component of competitive exams such as UPSC, SSC, banking exams, and school-level tests. Questions from 2013 reflect the political, economic, scientific, and cultural developments of that period. Familiarity with these questions helps aspirants understand the types of questions asked and the areas where they need to focus their studies.

In 2013, several landmark events took place worldwide and in India. These events have been frequently asked in various exams, making it necessary to revise and memorize key facts. The following sections provide a detailed overview of important GK questions from 2013, categorized for easy understanding.

Political and International GK Questions of 2013

Major Political Events

- Question: Who became the Prime Minister of India after the 2013 general elections?

Answer: Narendra Modi

- Question: Which country hosted the G20 Summit in 2013?

Answer: Russia (St. Petersburg)

- Question: Who was the President of the United States in 2013?

Answer: Barack Obama

International Organizations and Leaders

- Question: Who was the Secretary-General of the United Nations in 2013?

Answer: Ban Ki-moon

- Question: Which country held the BRICS Summit in 2013?

Answer: South Africa

Important Political Events in India (2013)

- Question: Which Indian state experienced a significant political change in 2013 with the formation of a new government?

Answer: Andhra Pradesh (Reorganization into Telangana)

- Question: Name the President of India in 2013.

Answer: Pranab Mukherjee

Economics and Financial GK Questions 2013

- Question: What was India's GDP growth rate approximately in 2013?

Answer: Around 5.0%

- Question: Which major Indian bank announced the launch of the first mobile banking app in 2013?

Answer: State Bank of India (SBI)

- Question: What was the international price of gold per ounce in 2013?

Answer: Approximately \$1,200 to \$1,400 (varied throughout the year)

Science and Technology GK Questions 2013

Space and Astronomy

- Question: Which planet's mission was launched by NASA in 2013?

Answer: Mars Rover (Curiosity) continued its mission, and NASA launched the MAVEN spacecraft to study Mars' atmosphere.

- Question: What is the name of the satellite launched by India in 2013?

Answer: Mars Orbiter Mission (Mangalyaan)

Innovations and Discoveries

- Question: Which breakthrough in medical science was announced in 2013 involving gene editing?

Answer: Advancements in CRISPR gene-editing technology gained worldwide attention.

- Question: What significant discovery was made in 2013 related to the Higgs boson?

Answer: Confirmation of the Higgs boson particle's properties by CERN scientists.

Sports GK Questions from 2013

- Question: Who won the ICC Cricket World Cup in 2013?

Answer: India won the ICC Champions Trophy (not the World Cup) in 2013.

- Question: Which athlete set a new world record in the 100 meters sprint in 2013?

Answer: Usain Bolt

- Question: Who was the captain of the Indian cricket team during the 2013 Champions Trophy?

Answer: Mahendra Singh Dhoni

Important Awards and Honors of 2013

- Question: Who received the Nobel Peace Prize in 2013?

Answer: Organisation for the Prohibition of Chemical Weapons (OPCW)

- Question: Which Indian was awarded the Padma Vibhushan in 2013?

Answer: Several individuals received the award, including Dr. A.P.J. Abdul Kalam (posthumously) and others across various fields.

World and Cultural GK Questions of 2013

Notable Events and Festivals

- Question: Which city hosted the 2013 G20 Summit?

Answer: St. Petersburg, Russia

- Question: Which major festival was celebrated globally in 2013?

Answer: The 150th anniversary of Mahatma Gandhi's birth was commemorated worldwide.

Books, Films, and Literature

- Question: Which film won the Academy Award for Best Picture in 2013?

Answer: "Argo"

- Question: Name the Nobel Prize-winning author who published a notable work in 2013.

Answer: Alice Munro received the Nobel Prize in Literature in 2013.

Environmental and Geographical GK Questions 2013

- Question: Which natural disaster caused widespread devastation in the Philippines in 2013?

Answer: Typhoon Haiyan (Yolanda)

- Question: Which mountain was declared the highest in the world after reevaluation in 2013?

Answer: Mount Everest (still the highest, but the height was confirmed to be 8,848.86 meters after a 2013 survey)

Conclusion: Importance of GK Questions from 2013

Studying GK questions from 2013 provides insight into the major global and national events of that year. Such questions are frequently revisited in competitive exams, quizzes, and interviews. Keeping a record of these questions helps aspirants build a strong foundation in general knowledge, improves their chances of success, and keeps them informed about world affairs.

Regular revision of past GK questions, like those from 2013, ensures that learners stay sharp and confident. Whether you are preparing for a competitive exam or just aiming to enhance your knowledge base, focusing on important questions from previous years is an effective strategy.

Tips for Preparing GK Questions and Answers 2013 and Beyond

- Create a dedicated GK notebook with questions and answers from each year.
- Use online quizzes and apps to test your knowledge regularly.
- Watch news summaries and documentaries related to major events of 2013.
- Join GK discussion groups or forums for interactive learning.
- Revise periodically to retain facts effectively.

By consistently updating your GK with questions from past years like 2013, you will develop a comprehensive understanding of important facts, trends, and historical events that shape our world today.

Note: This compilation is not exhaustive but highlights some of the most significant GK questions from 2013. For a more detailed study, refer to year-specific GK books, competition archives, and official exam syllabi.

GK Question and Answers 2013: A Comprehensive Guide to the Year's General Knowledge

Introduction

GK question and answers 2013 serve as a valuable resource for students, competitive exam aspirants, and trivia enthusiasts seeking to test and expand their general knowledge base. The year 2013 marked significant developments across various domains—politics, science, sports, awards, and world events—that are often reflected in GK questions. This article aims to delve into the notable questions and answers from 2013, providing readers with an in-depth understanding of the year's important facts, along with contextual insights to enhance learning and retention.

The Significance of GK Questions from 2013

Every year, general knowledge questions evolve based on current affairs, discoveries, and global happenings. The 2013 GK set is particularly interesting because it encapsulates pivotal moments that influenced the world and India alike. For aspirants, mastering these questions not only boosts exam scores but also enriches their awareness about recent history and ongoing global developments.

Major Themes in GK Question and Answers 2013

The GK questions from 2013 broadly cover the following themes:

- Political and International Events
- Science and Technology
- Sports Achievements
- Awards and Honors
- Economics and Business
- Environment and Ecology
- Miscellaneous and Miscellaneous Trivia

Let's explore each of these themes in detail.

Political and International Events in 2013

Key Political Developments

2013 was marked by major political shifts and international diplomacy. Some of the notable questions include:

- Who was the Secretary-General of the United Nations in 2013?

Answer: Ban Ki-moon

- Which country experienced a significant political crisis leading to the resignation of its Prime Minister in 2013?

Answer: Italy (Prime Minister Silvio Berlusconi resigned, and Enrico Letta took charge)

- In 2013, which nation became the first African country to qualify for the FIFA World Cup?

Answer: Algeria

- Name the Indian politician who was elected as the President of India in 2012 and held office throughout 2013.

Answer: Pranab Mukherjee

Major International Events

- What was the name of the historic agreement signed between the U.S. and Afghanistan in 2013 regarding the future presence of U.S. troops?

Answer: The Bilateral Security Agreement (BSA)

- Which country hosted the 2013 ICC Champions Trophy in cricket?

Answer: England

Notable Political Figures

- Who was appointed as the new Prime Minister of Bangladesh in 2013?

Answer: Sheikh Hasina (re-elected in 2013)

Science and Technology Highlights of 2013

Breakthrough Discoveries and Innovations

2013 saw several scientific breakthroughs, often forming the basis of GK questions:

- Which planet was officially classified as a dwarf planet in 2013 by the International Astronomical Union?

Answer: Pluto

- What was the name of the first commercially available 3D printer launched in 2013?

Answer: The first commercial 3D printer was the MakerBot Replicator 2

- In 2013, which country launched the Mars Orbiter Mission?

Answer: India (ISRO launched Mars Orbiter Mission, Mangalyaan)

- Which technology giant announced the release of Windows 8.1 in 2013?

Answer: Microsoft

Scientific Milestones

- What significant discovery regarding the Higgs boson was announced in 2013?

Answer: Confirmation of the Higgs boson particle by CERN scientists

- Which gene-editing technology gained prominence in 2013?

Answer: CRISPR-Cas9

Sports Achievements in 2013

Sports frequently dominate GK questions, and 2013 was no exception:

- Who won the FIFA Ballon d'Or award in 2013?

Answer: Cristiano Ronaldo

- Which country won the ICC Champions Trophy 2013?

Answer: India

- Who became the first Indian to win a gold medal at the World Wrestling Championships in 2013?

Answer: Sushil Kumar

- Name the Indian cricket team captain in 2013 during the ICC Champions Trophy.

Answer: Mahendra Singh Dhoni

- Which athlete set a new world record in the men's 100 meters in 2013?

Answer: Usain Bolt (though he equaled his own record, he remained the fastest)

Awards and Honors of 2013

This section includes notable awards conferred in 2013:

- Who was awarded the Nobel Peace Prize in 2013?

Answer: Organisation for the Prohibition of Chemical Weapons (OPCW)

- Who received the Bharat Ratna, India's highest civilian award, in 2013?

Answer: Atal Bihari Vajpayee (posthumously awarded in 2015, but discussions and recognitions related to his leadership were prominent in 2013)

- Which film won the Best Picture at the 85th Academy Awards in 2013?

Answer: "Argo"

- Who was awarded the Booker Prize in 2013?

Answer: Eleanor Catton for her novel The Luminaries

Economic and Business Developments in 2013

- Which country's economy was the fastest-growing among G20 nations in 2013?

Answer: China

- What major global company announced a significant acquisition or merger in 2013?

Answer: Facebook announced the acquisition of Instagram in 2012, but its impact was felt through 2013; additionally, in 2013, Apple announced the iPhone 5s and 5c launch.

- Which Indian company became the most valuable in market capitalization in 2013?

Answer: Reliance Industries

Environment and Ecology in 2013

- What major environmental event occurred along the Indian coast in 2013?

Answer: The massive cyclone Phailin struck the eastern coast of India

- Which animal was declared extinct in the wild in 2013?

Answer: The Western Black Rhinoceros (though the process was ongoing, the IUCN officially declared it extinct in 2013)

- What was the theme of Earth Day 2013?

Answer: "The Face of Climate Change"

Miscellaneous Trivia and Noteworthy Facts

- Which viral social media phenomenon gained popularity in 2013?

Answer: The "Harlem Shake" videos

- What was the name of the popular gaming console launched by Sony in 2013?

Answer: PlayStation 4

- Which iconic Indian space manned mission was announced but not launched in 2013?

Answer: The Indian Human Spaceflight Program, later named Gaganyaan, was in planning stages during 2013.

How to Use 2013 GK Questions for Competitive Exams

Understanding the pattern and types of questions from 2013 can greatly improve preparation strategies:

- Focus on current affairs around 2013, including political changes, international treaties, and scientific breakthroughs.
- Keep abreast of sports achievements and awards handed out during that year.
- Regularly revise world events and Indian history and polity to grasp the context behind questions.
- Practice with mock tests that incorporate GK questions from 2013 to improve speed and accuracy.

Conclusion

GK question and answers 2013 encapsulate a year of remarkable global and national milestones. From scientific discoveries to political upheavals, and from sporting triumphs to cultural accolades, the year offers a rich tapestry of knowledge. Aspiring learners and competitive exam candidates can leverage this information to build a strong foundation in general knowledge. As history often repeats itself or gets referenced, understanding the events of 2013 not only prepares you for exams but also enhances your awareness of recent global developments.

By delving into the questions and answers from 2013, enthusiasts can appreciate how the world evolved during that period and how those events continue to influence current affairs. Staying updated with such historical GK points ensures that you remain well-informed and ready for any quiz or exam that tests your breadth of knowledge.

Remember: Consistency is key. Regular revision of GK questions from past years like 2013 will strengthen your overall preparedness and boost confidence in any competitive scenario.

QuestionAnswer What was the major international event that took place in 2013? One of the major international events in 2013 was the election of Pope Francis as the 266th Pope of the Roman Catholic Church. Which country hosted the 2013 ICC Champions Trophy in cricket? England hosted the 2013 ICC Champions Trophy. Who was awarded the Nobel Peace Prize in 2013? The Nobel Peace Prize in 2013 was awarded to the Organisation for the Prohibition of Chemical Weapons (OPCW). What significant technological advancement was made in 2013? In 2013, the Bitcoin cryptocurrency gained widespread attention and saw a significant rise in value. Which film won the Best Picture Oscar in 2013? The film 'Argo' won the Best Picture Oscar at the 85th Academy Awards in 2013. What was a major scientific discovery or achievement in 2013? NASA's Curiosity rover discovered evidence of ancient freshwater lakes on Mars in 2013. Which country became the first to approve a vaccine for Ebola in 2013? Sierra Leone became the first country to approve an Ebola vaccine in 2013. Who was the Prime Minister of India in 2013? Manmohan Singh was the Prime Minister of India in 2013.

Related keywords: general knowledge, quiz, trivia, current affairs, GK questions, GK answers, 2013 events, general awareness, competitive exams, quiz questions

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