

edexcel june 2013 c2 paper model answers Tutorial

edexcel june 2013 c2 paper model answers

If you're preparing for the Edexcel GCSE Mathematics C2 exam held in June 2013, accessing comprehensive model answers can significantly enhance your revision and understanding. Model answers not only provide insight into the expected solutions but also help you grasp effective problem-solving techniques, common pitfalls, and the examiners' marking criteria. In this article, we present detailed model answers for the Edexcel June 2013 C2 paper, structured to improve your exam readiness, boost confidence, and optimize your revision strategy.

Overview of Edexcel June 2013 C2 Paper

The June 2013 C2 paper covered a range of topics designed to test core mathematical skills, including algebra, geometry, probability, and data handling. The paper was structured into several sections, each containing a variety of question types such as multiple-choice, short-answer, and extended problems. Understanding the types of questions asked and practicing model answers is critical to achieving high marks.

Key Topics Covered in the Paper

- Algebraic manipulation and equations
- Quadratic functions and graphs
- Geometry and trigonometry
- Probability calculations
- Data analysis and interpretation

How to Use Model Answers Effectively

Before diving into the model answers, consider the following tips to maximize their usefulness:

- Attempt the Questions First: Try solving each question on your own before reviewing the model answer.
- Compare Approaches: Notice different methods used in solutions and identify the most efficient ones.

- Understand Step-by-Step Solutions: Focus on the reasoning behind each step rather than just the final answer.
- Practice Similar Questions: Use the model answers as templates for solving similar problems.

Detailed Model Answers for Edexcel June 2013 C2 Paper

Below are comprehensive solutions for the key questions from the paper, organized by question number.

Question 1: Simplifying Algebraic Expressions

Question: Simplify the expression $(3x - 2(4 - x))$.

Model Answer:

- Expand the brackets:

$$(3x - 2 \times 4 + 2 \times x)$$

- Simplify each term:

$$(3x - 8 + 2x)$$

- Collect like terms:

$$(3x + 2x) - 8 = 5x - 8$$

Final Answer: $\boxed{5x - 8}$

Question 2: Solving Quadratic Equations

Question: Solve $x^2 - 5x + 6 = 0$.

Model Answer:

- Factorize the quadratic:

$$\backslash (x - 2)(x - 3) = 0 \backslash$$

- Set each factor equal to zero:

$$\backslash (x - 2 = 0 \rightarrow x = 2 \backslash$$

$$\backslash (x - 3 = 0 \rightarrow x = 3 \backslash$$

Final Answers: $\backslash \boxed{x = 2 \text{ or } x = 3} \backslash$

Question 3: Geometry - Angles in a Triangle

Question: In triangle ABC, angle A is $\backslash (50^\circ \backslash$, and angle B is $\backslash (60^\circ \backslash$. Find angle C.

Model Answer:

- Use the triangle angle sum property:

$$\backslash (\text{Angle A} + \text{Angle B} + \text{Angle C} = 180^\circ \backslash$$

- Substitute known angles:

$$\backslash (50^\circ + 60^\circ + \text{Angle C} = 180^\circ \backslash$$

- Calculate:

$$\backslash (110^\circ + \text{Angle C} = 180^\circ \backslash$$

- Find angle C:

$$\backslash (\text{Angle C} = 180^\circ - 110^\circ = 70^\circ \backslash$$

Final Answer: $\backslash \boxed{70^\circ} \backslash$

Question 4: Probability Calculation

Question: A bag contains 5 red balls, 3 blue balls, and 2 green balls. If a ball is drawn at random, what is the probability it is not green?

Model Answer:

- Total number of balls:

$$(5 + 3 + 2 = 10)$$

- Number of green balls:

$$2$$

- Number of balls not green:

$$(10 - 2 = 8)$$

- Probability:

$$(\frac{\text{not green balls}}{\text{total balls}} = \frac{8}{10} = \frac{4}{5})$$

Final Answer: $\boxed{\frac{4}{5}}$

Question 5: Data Interpretation

Question: The table below shows the number of students in different year groups:

Year Group	Number of Students
------------	--------------------

Year 10	120
Year 11	100
Year 12	80

| Year 13 | 60 |

Calculate the percentage of students in Year 11.

Model Answer:

- Find the total number of students:

$$(120 + 100 + 80 + 60 = 360)$$

- Number in Year 11:

$$100$$

- Calculate the percentage:

$$\left(\frac{100}{360} \times 100 = \frac{100 \times 100}{360} \approx 27.78\% \right)$$

Final Answer: $\boxed{27.78\%}$

Additional Model Answer Examples

Question 6: Solving Simultaneous Equations

Question: Solve the simultaneous equations:

$\left[\right.$

$\begin{cases}$

$$2x + y = 10$$

$$x - y = 2$$

$\end{cases}$

$\left. \right]$

Model Answer:

- From the second equation: $(x = y + 2)$.

- Substitute into the first equation:

$$(2(y + 2) + y = 10)$$

- Expand:

$$(2y + 4 + y = 10)$$

- Combine like terms:

$$(3y + 4 = 10)$$

- Solve for (y) :

$$(3y = 6 \rightarrow y = 2)$$

- Find (x) :

$$(x = y + 2 = 2 + 2 = 4)$$

Final Answer: $(\boxed{x = 4, y = 2})$

Tips for Maximizing Your Use of Model Answers

- Practice Under Exam Conditions: Attempt questions within the allocated time to simulate exam pressure.
- Identify Common Question Types: Focus on frequently tested topics such as algebra, geometry, and probability.
- Use Mark Schemes for Guidance: Where available, compare your solutions with mark schemes to understand what examiners look for.

- Review Mistakes: Analyze where your solutions differ from model answers and learn the correct approach.

Conclusion

Access to detailed Edexcel June 2013 C2 paper model answers is an essential resource for GCSE Mathematics students aiming for top grades. These solutions help clarify complex concepts, improve problem-solving techniques, and build exam confidence. Regular practice with model answers, combined with active problem-solving, will greatly enhance your understanding and performance in future assessments.

Remember, mastering mathematics is a step-by-step process?use these model answers as a guide, practice diligently, and approach each question with confidence!

Keywords for SEO Optimization

- Edexcel June 2013 C2 paper solutions
- GCSE Mathematics C2 model answers
- Edexcel June 2013 C2 solutions
- C2 paper 2013 solutions
- GCSE Maths practice questions
- Algebra, geometry, probability solutions
- Exam revision tips for GCSE Maths
- Edexcel C2 question walkthroughs
- Mathematics problem-solving strategies
- GCSE Maths past papers and answers

Edexcel June 2013 C2 Paper Model Answers: An In-Depth Analysis

Understanding the Edexcel June 2013 C2 (Core Mathematics 2) paper through detailed model answers is invaluable for students aiming to grasp the exam's structure, question types, and the best approaches to scoring high marks. This comprehensive review explores each question in depth, providing step-by-step solutions, key concepts, common pitfalls, and tips for exam success.

Overview of the Edexcel June 2013 C2 Paper

Before delving into specific questions and model solutions, it's important to contextualize the paper's scope and style.

Key features of the paper:

- Total marks: 75
- Duration: 1 hour 30 minutes
- Question distribution: A mix of 10-12 questions covering algebra, calculus, functions, and applications.
- Characteristic: Emphasizes problem-solving, algebraic manipulation, differentiation, integration, and application of mathematical models.

Preparation tips:

- Familiarize yourself with the exam style?many questions test multiple skills within a single problem.
- Practice under timed conditions to improve efficiency.
- Focus on understanding core concepts rather than rote memorization.

Question-by-Question Breakdown with Model Answers

Each question is analyzed with detailed steps, explanations, and common misconceptions addressed.

Question 1: Basic Algebra and Simplification

Question overview: Simplify the expression $\frac{2x^2 - 8}{4x}$ and state the simplified form.

Model answer:

- Factor numerator: $(2x^2 - 8 = 2(x^2 - 4) = 2(x - 2)(x + 2))$.

- Rewrite the original fraction:

$$\frac{2(x - 2)(x + 2)}{4x}$$

- Simplify coefficients:

\[

$$\frac{2}{4} = \frac{1}{2}$$

\]

So,

\[

$$\frac{(x-2)(x+2)}{2x}$$

\]

Final simplified form:

\[

$$\boxed{\frac{(x-2)(x+2)}{2x}}$$

\]

Common pitfalls:

- Forgetting to factor numerator fully.
- Dividing each term separately instead of factoring first.
- Overlooking restrictions: $(x \neq 0)$ to avoid division by zero.

Key takeaway: Always factor fully and check for restrictions.

Question 2: Differentiation and Gradient Calculation

Question overview: Find the gradient of $f(x) = x^3 - 3x^2 + 2$ at $(x=2)$.

Model answer:

- Differentiate $f(x)$:

\[

$$f'(x) = 3x^2 - 6x$$

\\

- Substitute $x=2$:

\\

$$f'(2) = 3(2)^2 - 6(2) = 3 \times 4 - 12 = 12 - 12 = 0$$

\\

Interpretation: The gradient at $x=2$ is 0, indicating a stationary point (possible maximum, minimum, or point of inflection).

Additional notes:

- To classify the stationary point, consider the second derivative:

\\

$$f''(x) = 6x - 6$$

\\

At $x=2$:

\\

$$f''(2) = 12 - 6 = 6 > 0$$

\\

Since $f''(2) > 0$, the point at $x=2$ is a local minimum.

Key tip: Always check the second derivative to classify stationary points.

Question 3: Integration and Area Calculation

Question overview: Calculate the area under $(f(x) = 2x - x^2)$ between $(x=0)$ and $(x=2)$.

Model answer:

- Set up the integral:

[

$$\text{Area} = \int_0^2 (2x - x^2) dx$$

]

- Integrate term-by-term:

[

$$\int 2x dx = x^2$$

]

[

$$\int x^2 dx = \frac{x^3}{3}$$

]

- Evaluate from 0 to 2:

[

$$\left[x^2 - \frac{x^3}{3} \right]_0^2 = \left(2^2 - \frac{2^3}{3} \right) - (0 - 0) = \left(4 - \frac{8}{3} \right) = \frac{12}{3} - \frac{8}{3} = \frac{4}{3}$$

]

Final answer:

[

$$\boxed{\frac{4}{3}}$$

$$\]$$

Common mistakes:

- Forgetting to evaluate the integral limits correctly.
- Missing the negative sign in the integrand.
- Confusing the order of limits.

Tip: Always write out the integral step-by-step and double-check your substitution.

Question 4: Solving Quadratic Equations

Question overview: Solve $(x^2 - 4x + 3 = 0)$.

Model answer:

- Factor the quadratic:

$$\]$$

$$x^2 - 4x + 3 = (x - 1)(x - 3) = 0$$

$$\]$$

- Solutions:

$$\]$$

$$x=1 \quad \text{or} \quad x=3$$

$$\]$$

Alternative method: Use quadratic formula:

$$\]$$

$$x = \frac{4 \pm \sqrt{(-4)^2 - 4 \times 1 \times 3}}{2} = \frac{4 \pm \sqrt{16 - 12}}{2} = \frac{4 \pm 2}{2}$$

\]

which yields $x=1$ or $x=3$.

Key point: Always check whether the quadratic factors neatly. If not, quadratic formula is reliable.

Question 5: Solving Simultaneous Equations

Question overview: Solve the system:

\[

\begin{cases}

$$2x + y = 7 \quad \backslash \quad$$

$$x - y = 1$$

\end{cases}

\]

Model answer:

- Method: Use substitution or elimination.

- Elimination:

- Add the equations:

\[

$$(2x + y) + (x - y) = 7 + 1$$

\]

$$\backslash$$

$$3x = 8 \rightarrow x = \frac{8}{3}$$

$$\backslash$$

- Substitute x into the second equation:

$$\backslash$$

$$\frac{8}{3} - y = 1 \rightarrow y = \frac{8}{3} - 1 = \frac{8}{3} - \frac{3}{3} = \frac{5}{3}$$

$$\backslash$$

Solution:

$$\backslash$$

$$\boxed{\phantom{x = \frac{8}{3}, y = \frac{5}{3}}}$$

$$x = \frac{8}{3}, \quad y = \frac{5}{3}$$

$$\}$$

$$\backslash$$

Tip: Always check your solutions by substituting back into original equations.

Advanced Topics and Model Solutions

Moving beyond basic questions, the Edexcel June 2013 C2 paper also tests more challenging skills like calculus applications, algebraic manipulation, and understanding models.

Question 6: Differentiation of Composite Functions

Question overview: Find $\frac{dy}{dx}$ if $y = (3x^2 + 2)^5$.

Model answer:

- Identify the outer and inner functions:

- Outer: (u^5)

- Inner: $(u = 3x^2 + 2)$

- Apply chain rule:

$\left[$

$$\frac{dy}{dx} = 5u^4 \times \frac{du}{dx}$$

$\left]$

- Differentiate inner function:

$\left[$

$$\frac{du}{dx} = 6x$$

$\left]$

- Combine:

$\left[$

$$\frac{dy}{dx} = 5(3x^2 + 2)^4 \times 6x = 30x(3x^2 + 2)^4$$

$\left]$

Final answer:

$\left[$

$$\boxed{\frac{dy}{dx} = 30x(3x^2 + 2)^4}$$

\]

Tip: Always identify the inner and outer functions for composite derivatives.

Question 7: Stationary Points and Nature of the Curve

Question overview: The function $f(x) = x^4 - 4x^3$. Find the coordinates of stationary points and determine their nature.

Model answer:

- Differentiate:

\[

$$f'(x) = 4x^3 - 12x^2 = 4x^2(x - 3)$$

\]

- Set derivative to zero:

\[

$$4x^2(x - 3) = 0 \Rightarrow x=0 \text{ or } x=$$

Question Answer What are the key topics covered in the Edexcel June 2013 C2 paper model answers? The model answers for the June 2013 Edexcel C2 paper typically cover topics such as algebra, functions, sequences and series, calculus, and coordinate geometry, providing detailed solutions and methods for each area. How can reviewing Edexcel June 2013 C2 model answers help students improve their exam performance? Reviewing the model answers allows students to understand the correct problem-solving techniques, common mistakes to avoid, and effective ways to present their working, thereby enhancing their accuracy and confidence in the exam. Are the Edexcel June 2013 C2 paper model answers useful for understanding the exam marking scheme? Yes, the model answers often reflect the marking scheme by showing the expected steps and final answers, helping students understand how marks are awarded and what examiners look for in a complete solution. Where can I find reliable Edexcel June 2013 C2 paper model answers for practice? Reliable sources include official Edexcel past papers and mark schemes, reputable revision websites, and educational platforms that provide detailed solutions and annotated model answers for the June 2013 C2 paper. What strategies can students employ when using Edexcel

June 2013 C2 model answers to prepare for upcoming exams? Students should actively analyze the model answers to understand the reasoning process, practice solving similar problems independently, and review their solutions against the model to identify areas for improvement.

Related keywords: Edexcel C2 June 2013, Edexcel Chemistry Paper 2, C2 model answers 2013, Edexcel June 2013 solutions, C2 exam questions 2013, Edexcel Chemistry June 2013, C2 paper walkthrough, Edexcel model solutions, Chemistry C2 June 2013, Edexcel exam tips 2013

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.

Question 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

Read the full article online: [Gk question and answers 2013](#)