SRI LANKA GRADE 7 MATHS PAPERS

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Sri Lanka Grade 7 Maths Papers: A Comprehensive Guide to Question and Answer

Grade 7 students in Sri Lanka often face challenges when preparing for their mathematics examinations. To address this, we have compiled a comprehensive guide to commonly asked questions and answers in the Sri Lanka Grade 7 Maths papers.

Fractions:

- **Question:** How do you find the equivalent fraction of 3/5 with a denominator of 20?
- **Answer:** Multiply both the numerator and denominator by 4, resulting in 12/20.

Decimals:

- **Question:** Convert 0.75 to a fraction.
- **Answer:** Multiply by 100 to get 75/100, which can be simplified to 3/4.

Area and Perimeter:

- **Question:** Find the area of a rectangle with a length of 5 cm and a width of 3 cm.

- **Answer:** Area = Length x Width = 5 cm x 3 cm = 15 cm².

- **Question:** Calculate the perimeter of a square with a side length of 6 cm.

- **Answer:** Perimeter = 4 x Side Length = 4 x 6 cm = 24 cm.

Algebra:

- **Question:** Solve for x: 2x + 5 = 13.

- **Answer:** Subtract 5 from both sides: 2x = 8; divide both sides by 2: x = 4.

- **Question:** Simplify the expression: 3(x + 2) - 5.

- **Answer:** Expand the brackets: 3x + 6 - 5 = 3x + 1.

By understanding these commonly asked questions and answers, Grade 7 students in Sri Lanka can improve their confidence and preparation for their mathematics examinations.

Understanding the Global Creativity Index 2015: Martin Prosperity Institute

Q: What is the Global Creativity Index (GCI)? A: The GCI, developed by the Martin Prosperity Institute, is a global ranking system that measures the creative capacity of countries. It assesses 133 nations based on 80 indicators across seven dimensions: talent, technology, tolerance, technology, tolerance, trade, tourism, and talent.

Q: What are the key findings of the 2015 GCI? A: The 2015 GCI ranked The Netherlands as the most creative country overall, followed by Sweden, Denmark, and Finland. The United States ranked 10th, while China ranked 29th. The report highlighted the correlation between creativity, prosperity, and economic growth.

Q: Which dimensions are most important for creativity? A: The GCI emphasizes the importance of all seven dimensions, with no single dimension being dominant. However, some dimensions, such as talent, technology, and tolerance, have been

found to have a particularly strong impact on creativity.

Q: What are the implications of the GCI for policymakers? A: The GCI provides valuable insights for governments and organizations seeking to foster creativity. It suggests that policies aimed at enhancing talent development, technological advancement, tolerance, and global connectivity can contribute to a more creative and innovative society.

Q: How can individuals and organizations contribute to creativity? A: Individuals and organizations can support creativity by embracing diversity, encouraging innovation, and fostering a culture of collaboration. Individuals can develop their creative skills through activities such as art, music, writing, and problem-solving. Organizations can create environments that value and support creative thinking by providing resources, mentoring, and opportunities for idea exchange.

The Happiness Equation: Unlocking the Secrets of Well-being

By understanding the Happiness Equation, we can learn to cultivate more joy and contentment in our lives. Here's a guide based on the insights of Neil Pasricha's book, "The Happiness Equation."

1. What is the Happiness Equation?

According to Pasricha, the Happiness Equation is a formula that determines our overall well-being: $H = S + C + V$. Here, H represents happiness, S stands for satisfaction with our current circumstances, C represents our level of control over our lives, and V reflects the vision we have for the future.

2. How does Satisfaction (S) affect happiness?

Satisfaction refers to our contentment with what we have, regardless of our current situation. Being grateful for the good things in our lives, setting realistic expectations, and practicing self-acceptance can increase our S-score.

3. What role does Control (C) play in well-being?

Control represents the extent to which we feel in charge of our lives. Taking ownership of our actions, setting goals, and making decisions that align with our values can enhance our sense of C.

4. How does Vision (V) contribute to happiness?

Vision represents our aspirations and the direction we want to take in life. Having a clear understanding of our goals, pursuing our passions, and believing in our own abilities can increase our V-score.

5. How can we apply the Happiness Equation in our lives?

To maximize our happiness, we need to work on improving all three elements of the Happiness Equation. This involves practicing gratitude, self-care, and acceptance to increase our S, taking on challenges and setting goals to boost our C, and pursuing our dreams and believing in ourselves to elevate our V. By focusing on these aspects, we can unlock the secrets of well-being and live more fulfilling and joyful lives.

Young People's Human Rights and the Politics of Voting Age

Paragraph 1:

The right to vote is a fundamental human right that empowers citizens to participate in shaping their society. However, the debate over the appropriate voting age continues to stir controversy, particularly around the issue of youth enfranchisement.

Paragraph 2:

Proponents of lowering the voting age argue that young people are capable of making informed decisions and should have a say in their future. They point to the United Nations Convention on the Rights of the Child, which recognizes the political rights of minors, including the right to express their views.

Q: What does the UN Convention on the Rights of the Child say about voting rights? A: It recognizes the political rights of minors, including the right to express their views.

Paragraph 3:

Opponents of lowering the voting age contend that young people are not sufficiently mature or experienced to make responsible political decisions. They argue that lowering the voting age would lead to uninformed decision-making and potentially damage the integrity of the electoral process.

Q: Why do opponents of lowering the voting age believe it would damage the electoral process? A: They argue that it would lead to uninformed decision-making by immature and inexperienced voters.

Paragraph 4:

The politics surrounding the voting age often reflects the broader societal attitudes towards youth. Countries that place high value on youth participation tend to have lower voting ages, while those with more traditional views on age and maturity tend to have higher voting ages.

Q: How does societal attitudes towards youth impact the voting age? A: Countries with a high value on youth participation generally have lower voting ages.

Paragraph 5:

Ultimately, the decision on the voting age is a complex one that requires balancing the rights of young people with the potential risks and benefits of lowering the voting age. As society continues to grapple with this issue, it is crucial to engage in informed and respectful dialogue that considers the perspectives of all stakeholders, including young people themselves.

> *the global creativity index 2015 martin prosperity institute*, *the happiness equation by neil pasricha*, *young peoples human rights and the politics of voting age*

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