

**GRADE 9 MATHEMATICS  
NOVEMBER EXAMINATION PAPER 1**

**QUESTION 1**

Choose and write the correct letter on your answer sheet.

1.1 The constant value in the expression  $2x^2 + 3x + 2$  is \_\_\_\_\_ (3)

- A 3
- B 2
- C 4
- D 5

1.2 How many terms are in the expression  $2x^2 + 3x + 2$ ? \_\_\_\_\_ (3)

- A 1
- B 2
- C 3
- D 4

1.3 Determine the following two terms in the sequence: \_\_\_\_\_ (3)

- A 48; 56
- B 48; 57
- C 47; 56
- D 47; 57

1.4 Prime numbers that lie between 8 and 23: \_\_\_\_\_ (3)

- A 11, 13, 17, 19, 23
- B 11, 13, 17, 19
- C 11, 13, 17, 19, 23
- D 11, 13, 17, 19

1.5  $\sqrt{324}$  is \_\_\_\_\_ (3)

- A 37
- B 74
- C 18
- D 18

1.6 If  $x = 2$ , the value of  $3x^2 + 4x$  would be: \_\_\_\_\_ (3)

- A 10
- B 12
- C 14
- D 16

6 x 1 = 6

**QUESTION 2: WHOLE NUMBERS & INTEGERS**

2.1 Write 345:15 in it's simplest form. \_\_\_\_\_ (2)

2.2 If 10 contractors can build a house in 10 days. How many contractors, working at the same rate, will be needed to build the house in 4 days? \_\_\_\_\_ (3)

2.3 John drove 620km in 5 and a half hours. Calculate his average speed in km/h. \_\_\_\_\_ (3)

2.4 Write the number 48 as a product of its prime factors. Write the prime factors in exponential form. \_\_\_\_\_ (4)

2.5 Calculate the following:

- 2.5.1  $2 \times 10^3 + 3 \times 10^2 + 4 \times 10^1 + 5$  \_\_\_\_\_ (3)
- 2.5.2  $2 \times 10^3 + 3 \times 10^2 + 4 \times 10^1 + 5$  \_\_\_\_\_ (3)

[16]

**QUESTION 3: EXPONENTS**

3.1  $5^2 \times \sqrt{5} + 5^2$  \_\_\_\_\_ (2)

3.2  $5^2 \times 5^3$  \_\_\_\_\_ (2)

3.3  $\frac{5^2}{5^3}$  \_\_\_\_\_ (3)

3.4  $\sqrt{5^2 \times 5^3}$  \_\_\_\_\_ (3)

[10]

# Ss Grade 9 2014 Question Paper November Final

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Stanton, Paul M. Salmon**

## **Ss Grade 9 2014 Question Paper November Final:**

**The Wiley Handbook of Social Studies Research** Meghan McGlinn Manfra, Cheryl Mason Bolick, 2017-03-13 The Wiley Handbook of Social Studies Research is a wide ranging resource on the current state of social studies education This timely work not only reflects on the many recent developments in the field but also explores emerging trends This is the first major reference work on social studies education and research in a decade An in depth look at the current state of social studies education and emerging trends Three sections cover foundations of social studies research theoretical and methodological frameworks guiding social studies research and current trends and research related to teaching and learning social studies A state of the art guide for both graduate students and established researchers Guided by an advisory board of well respected scholars in social studies education research *Resources in Education* ,1998-04 Smart University Lindsay Weinberg, 2024-10-08 How surveillance perpetuates long standing injustices woven into the fabric of higher education Higher education increasingly relies on digital surveillance in the United States Administrators consulting firms and education technology vendors are celebrating digital tools as a means of ushering in the age of smart universities By digitally monitoring and managing campus life institutions can supposedly run their services more efficiently strengthen the quality of higher education and better prepare students for future roles in the digital economy Yet in practice these initiatives often perpetuate austerity structural racism and privatization at public universities under the guise of solving higher education s most intractable problems In Smart University Lindsay Weinberg evaluates how this latest era of tech solutions and systems in our schools impacts students abilities to access opportunities and exercise autonomy on their campuses Using historical and textual analysis of administrative discourses university policies conference proceedings grant solicitations news reports tech industry marketing materials and product demonstrations Weinberg argues that these more recent transformations are best understood as part of a longer history of universities supporting the development of technologies that reproduce racial and economic injustice on their campuses and in their communities Aimed at anyone concerned with the future of surveillance on higher education Smart University empowers readers with the knowledge tools and frameworks for contesting and reimagining the role of digital technology on university campuses *The Mining Journal, Railway and Commercial Gazette* ,1907 Daily Trade Bulletin ,1888 *Integrating Human Factors Methods and Systems Thinking for Transport Analysis and Design* Gemma J. M. Read, Vanessa Beanland, Michael G. Lenné, Neville A. Stanton, Paul M. Salmon, 2017-07-26 Governments and road safety agencies around the world have either introduced or are considering safe system strategies a long overdue acknowledgement that different elements of the road system contribute to road safety outcomes Human factors approaches have a leading role here in both conceptualising the road system as a complex sociotechnical system and in providing practical approaches to support true systems based countermeasures This book illustrates the potential for integrating contemporary systems based human factors methods with modern day driving

assessment methods such as vehicle instrumentation and driving simulation to understand and enhance performance in modern day road transport systems The book outlines why a fundamental paradigm shift is needed in the way these systems are designed and operated and illustrates how a wide range of accepted human factors approaches can be applied successfully to road transport to revolutionise the countermeasure design process The practical illustrations of these human factors methods are applied to a long standing road and rail safety issue rail level crossings where the road and rail systems intersect The final chapter of the book highlights the utility of the human factors approach to reducing road trauma and discusses future applications of the approach     Mining Journal, Railway & Commercial Gazette ,1907     **Journal of the National Cancer Institute** ,1990     **The Social Studies Teacher's Toolbox** Elisabeth Johnson,Evelyn Ramos,2020-04-28 Social studies teachers will find classroom tested lessons and strategies that can be easily implemented in the classroom The Teacher s Toolbox series is an innovative research based resource providing teachers with instructional strategies for students of all levels and abilities Each book in the collection focuses on a specific content area Clear concise guidance enables teachers to quickly integrate low prep high value lessons and strategies in their middle school and high school classrooms Every strategy follows a practical how to format established by the series editors The Social Studies Teacher s Toolbox contains hundreds of student friendly classroom lessons and teaching strategies Clear and concise chapters fully aligned to Common Core Social Studies standards and National Council for the Social Studies standards cover the underlying research technology based options practical classroom use and modification of each high value lesson and strategy This book employs a hands on approach to help educators quickly learn and apply proven methods and techniques in their social studies courses Topics range from reading and writing in social studies and tools for analysis to conducting formative and summative assessments differentiating instruction motivating students incorporating social and emotional learning and culturally responsive teaching Easy to read content shows how and why social studies should be taught and how to make connections across history geography political science and beyond Designed to reduce instructor preparation time and increase relevance student engagement and comprehension this book Explains the usefulness application and potential drawbacks of each instructional strategy Provides fresh activities applicable to all classrooms Helps social studies teachers work with ELLs advanced students and students with learning differences Offers real world guidance for addressing current events while covering standards and working with textbooks The Social Studies Teacher s Toolbox is an invaluable source of real world lessons strategies and techniques for general education teachers and social studies specialists as well as resource specialists special education teachers elementary and secondary educators and teacher educators     **Teachers Matter** Yusef Waghid,Nuraan Davids,2020-07-22 Who are our teachers Should we care about who teaches our children Because who they are matters It matters because who teachers are manifests in how they teach The authors analyses of prominent teachers in Anglo Saxon philosophy of education and Muslim philosophy of education coupled with their own narratives of

what it means to be and become a teacher inform the central theme of this book namely that teachers do matter In addition no attempt at good teaching and learning can manifest without having some idea of who teachers are and who they can become In the main becoming an authentic teacher can happen only in the presence of what it means for teachers to be or become transformative dialectical and imaginative deconstructive and friendly expositors of equality and disruption eloquent and conscientious and spiritual It is such an understanding which the authors advance and dare to cultivate in our institutions of primary secondary and higher learning Iron Age and Hardware, Iron and Industrial Reporter ,1889

**Manufacturers' Record** ,1909      **Financing Roma Inclusion with European Structural Funds** Joanna Kostka,2018-11-19 This book provides an analysis of the highly politicized field of Roma inclusion and addresses the controversies surrounding the effectiveness of funding initiatives derived from European Cohesion Policy It confronts the widely held notion that European financial transfers Structural Funds are highly suitable instruments to address the systemic causes of poverty and to facilitate changes towards substantive equality for Europe s largest ethnic minority Shedding critical light on the Structural Funds programme it offers an innovative approach to thinking about the value of European funding schemes and efficacy of national Roma inclusion strategies Multidisciplinary in approach it draws on rich interview material and literature from fields including policy implementation new public governance equality studies and political representation Financing Roma Inclusion with European Structural Funds examines the implementation of European funding in Spain and Slovakia two countries with contrasting policy outputs and offers a nuanced picture of the way European Cohesion Policy interacts with intricacies of domestic policy making It thus sheds light on the key challenges facing Roma inclusion strategies in contemporary Europe and will be of interest for for scholars interested in European studies equality policy new public governance and minority studies St. Louis Daily Market Reporter and Merchants Exchange Price Current ,1913      **Engineering Review** ,1911      **Bradstreet's** ,1921      **The Continuing Study of Newspaper Reading** Advertising Research Foundation,1941      *The Magazine of Wall Street and Business Analyst* ,1951      **Magazine of Wall Street and Business Analyst** ,1951      Documentation Abstracts ,1971

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