

NOTE:

- If a candidate answers a question/vraag **TWICE**, only mark the **FIRST** attempt.
- Consistent accuracy applies in all aspects of the marking memorandum.

LET WEL:

- *Indien 'n kandidaat 'n vraag **TWEE** keer beantwoord, merk slegs die **EERSTE** poging.*
- *Volgelooue akkuraatheid is **DEURGAANS** in **ALLE** aspekte van die memorandum van toepassing.*

QUESTION/VRAAG 1

1.1.1	$3x^2 - 4x = 0$ $x(3x - 4) = 0$ $x = \frac{4}{3} \quad \text{or} \quad x = 0$	✓ factors ✓ both answers (2)
1.1.2	$x - 6 + \frac{2}{x} = 0$ $x^2 - 6x + 2 = 0$ $x = \frac{-(-6) \pm \sqrt{(-6)^2 - 4(1)(2)}}{2(1)}$ $= \frac{6 \pm \sqrt{28}}{2}$ $x = 0,35 \quad \text{or} \quad x = 5,65$ <p>OR</p> $x - 6 + \frac{2}{x} = 0$ $x^2 - 6x + 2 = 0$ $(x - 3)^2 = -2 + 9$ $(x - 3) = \pm\sqrt{7}$ $x = 3 \pm \sqrt{7}$ $x = 0,35 \quad \text{or} \quad x = 5,65$	✓ $x^2 - 6x + 2 = 0$ ✓ subs into correct formula ✓ $x = 0,35$ ✓ $x = 5,65$ (4)
1.1.3	$x^{\frac{2}{3}} = 4; \quad x > 0$ $x = (2^2)^{\frac{3}{2}}$ $x = 8$ <p>OR</p>	✓ $x = (2^2)^{\frac{3}{2}}$ ✓ $x = 8$ (2)

2014 Exemplar Grade 12

Léo Pomar

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Handbook of Research on Teacher Practices for Diverse Writing Instruction Hodges, Tracey S.,2022-05-20 The art and practice of writing is complex and multidimensional students often apply unique writing styles As such educators must apply focused teaching methods to nurture these unique forms of writing Educators must stay up to date with the practices for diverse writing instruction in order to best engage with a diverse classroom However resources related to writing typically do not focus on the depth and breadth of writing and there is a need for a resource that offers a comprehensive look at diverse writing instruction research The Handbook of Research on Teacher Practices for Diverse Writing Instruction provides a rich discussion of the issues perspectives and methods for writing instruction currently in use with an added lens focusing on diversity and equity It provides unique coverage on the topic of writing instruction for practical implementation within the classroom setting Covering topics such as student motivation curriculum development and content area instruction this major reference work is an essential resource for preservice teachers faculty and administration of K 12 and higher education academic libraries government officials school boards researchers and academicians

Revolutionizing K-12 Blended Learning through the i²Flex Classroom Model Avgerinou, Maria D.,Gialamas, Stefanos P.,2016-06-20 Blended learning has gained significant attention recently by educational leaders practitioners and researchers i Flex a variation of blended learning is based on the premise that certain non interactive teaching activities such as lecturing can take place by students without teachers direct involvement Classroom time can then be used for educational activities that fully exploit teacher student and student student interactions allowing for meaningful personalized feedback and scaffolding on demand Revolutionizing K 12 Blended Learning through the i Flex Classroom Model presents a well rounded discussion on the i Flex model highlighting methods for K 12 course design delivery and evaluation in addition to teacher performance assessment in a blended i Flex environment Emphasizing new methods for improving the classroom and learning experience in addition to preparing students for higher education and careers this publication is an essential reference source for pre service and in service teachers researchers administrators and educational technology developers

Handbook of Personality Disorders, Second Edition W. John Livesley,Roseann Larstone,2018-03-08 This authoritative work comprehensively reviews what is known about personality disorders including vital information to guide clinical decision making Leading experts synthesize contemporary thinking about the classification etiologies and development of these complex disorders Diagnostic issues are explored and available assessment instruments are discussed The Handbook provides in depth coverage of all commonly used psychotherapeutic and pharmacological treatments with particular attention to the empirical evidence for each approach Also addressed are special treatment modalities such as day programs and group therapy and forensic issues

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International Perspectives on the Teaching of Literature in Schools

Andrew Goodwyn, Cal Durrant, Louann Reid, Lisa Scherff, 2017-08-31

Literature teaching remains central to the teaching of English around the world. This edited text brings together expert global figures under the banner of the International Federation for the Teaching of English (IFTE). The book captures a state of the art snapshot of leading trends in current literature teaching as well as detailing predicted trends for the future. The expert scholar and leading teacher contributors coming from a wide range of countries with fascinatingly diverse approaches to literature teaching cover a range of central and fundamental topics: literature and diversity, digital literatures, pedagogy and reader response, mother tongues, the business of reading, publishers, adolescent fiction and censorship, assessing responses to literature, the changing definitions of literature and multimodal texts. The collection reviews the consistently important place of literature in the education of young people and provides international evidence of its enduring value and contribution to education, resisting the functionalist and narrowly nationalist perspectives of misguided government authorities. International Perspectives on the Teaching of Literature in Schools will be of value to researchers, PhD students, literature scholars, practitioners, teacher educators, teachers and all those in the extensive academic community interested in English and literacy around the world.

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