

Matric 2023 PAST PAPERS

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INSTRUCTIONS AND INFORMATION

1. This question paper consists of FIVE questions. Answer ALL the questions.
2. Use the ANNEXURES in the ADDENDUM to answer the following questions:
ANNEXURE A for QUESTION 2.1

- ANNEXURE B for QUESTION 2.2
- ANNEXURE C for QUESTION 4.2
3. Number the answers correctly according to the numbering system used in this question paper.
4. Start EACH question on a NEW page.

5. You may use an approved calculator (non-programmable and non-graphical), unless stated otherwise.
6. Show ALL calculations clearly.
7. Round off ALL final answers appropriately according to the given context, unless

- stated otherwise.
8. Indicate units of measurement, where applicable.
9. Diagrams are NOT necessarily drawn to scale, unless stated otherwise.
10. Write neatly and legibly.

QUESTION 1

- 1.1 Specify a legal way to turn a name using the apostrophe. It is also referred to as an *apostrophising* name.

TABLE 1 below shows different categories of items and items received for three different services (A, B and C) on 14 February 2023, using the Specify mobile app¹.

TABLE 1: STRAIGHTS PER CATEGORY ON 14 FEBRUARY 2023

CATEGORY	A	B	C
Free items	8 120 000	8 120 000	8 120 000
Paid items	400 000	400 000	400 000
Number of items	80 700 000	80 700 000	80 700 000
Number of items sold	8 000 000	8 000 000	8 000 000
Items sold	12 000 000	12 000 000	12 000 000

NOTE:
Free = no cost

Use TABLE 1 above to answer the questions that follow.

- 1.1.1 State whether the values used for the different categories in the table are discrete or continuous data. (2)
- 1.1.2 The number of items sold during service B was 12 000 000. Write down the number in words without using numerals. (2)
- 1.1.3 Identify the service during which the second largest number of items were sold. (2)
- 1.1.4 Calculate the increase in the number of items sold over the three services. (2)
- 1.1.5 Determine, in a word only, in the form $P \pm \dots$, the number of paid items in the number of free items during service A. (1)

- 1.2 A recent article stated that a music artist gets less than 10% from the sale of a music CD to their label.

The pie chart below shows how the money, in rand, for one music-CD is distributed.

PERCENTAGE OF MONEY IN RAND FROM THE SALE OF ONE MUSIC-CD



Use the pie chart above to answer the questions that follow.

- 1.2.1 Give the acronym for value-added tax. (2)
- 1.2.2 Determine the total price for ONE music-CD. (2)
- 1.2.3 Calculate the amount that the music artist receives for one music-CD as a percentage of the amount received by the music store. (2)
- 1.2.4 Determine the number of CD's that a music artist will make if he sells 110 000 copies of his music-CD. (2)
- 1.2.5 Calculate how many music-CD's must be sold for a artist, who sells ONE song, to receive R24,00. (2)

Matric Maths Past Papers 23

Patrick Vollmar



Matric Maths Past Papers 23:

South African national bibliography ,1999 Classified list with author and title index **The Educational Times, and Journal of the College of Preceptors** ,1895 The Journal of Education ,1909 **Educational Times** ,1890
Education Outlook ,1892 Journal of Education ,1914 **Commonwealth Universities Yearbook** ,1970 A directory to the universities of the Commonwealth and the handbook of their association **Pratiyogita Darpan** ,2008-01
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classroom practice It will also appeal to teacher educators practitioners and undergraduate students interested in educational research *The Educational year book. [5 issues].* ,1879 *The Schoolmasters' Yearbook & Educational Directory* ,1915 **Alumni Cantabrigienses** John Venn,John Archibald Venn,2011-09-15 Detailed and comprehensive the second volume of the Venns directory in six parts includes all known alumni until 1900 **Southern African Books in Print** ,1994 **Admissions to Peterhouse** E. Ansell,2015-10-15 Originally published in 1939 this book presents a register of admissions to Peterhouse College Cambridge during the period October 1911 to December 1930 The text consists of abstracts from the College Historical Registers supplemented by information from other sources A detailed introduction is also provided together with information on Masters and Fellows elected to the College during the period October 1911 to December 1938 This book will be of value to anyone with an interest in the history of Peterhouse and Cambridge University *The Church Times* ,1904 *The Journal of the Engineering Institute of Canada* Engineering Institute of Canada,1931

The Report: South Africa 2014 Oxford Business Group,2014-12-08 Indeed since the end of apartheid in 1994 South Africa has become a major diplomatic player both on the African continent as well as further afield Despite the size of South Africa s economy the country currently faces a number of major economic challenges As of the end of July 2014 the unemployment rate was at 25.5% according to data from Statistics South Africa which was among the highest in the world While the government s long term development plans are generally highly regarded delivery and execution has occasionally been problematic While there are major hurdles that must be cleared given the country s strong institutions and the rapid pace of economic expansion over the past two decades South Africa should be able to look forward to 20 more years of peace and steady sustained economic growth

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. 1. Wile?
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the /etc/resolv.conf file do? What do the nameserver lines in
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Answers to Chapter 3, Odd-numbered Exercises. 1) $r(n) = 25r(n - 1) + 3r(n - 2) + 10n - 1$. There are $25r(n - 1)$ identifiers
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