

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 *apostrophe name* or *name*.

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

TABLE 1: STREAMING PER CATEGORY ON 14 FEBRUARY 2023

CATEGORIES	A	B	C
Pop songs	8 120 000	8 120 000	8 120 000
Pop songs	800 000	800 000	800 000
Number of songs	88 700 000	88 700 000	88 700 000
Number of music artists	8 000 000	8 000 000	8 000 000
Music artists	8 000 000	8 000 000	8 000 000

NOTE:
Pop = pop music

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 music artists received during session B was 8 000 000. Write down this number in words without using numerals. (2)
- 1.1.3 Identify the session during which the second largest number of music artists were streamed. (2)
- 1.1.4 Calculate the increase in the number of songs streamed over the three sessions. (2)
- 1.1.5 Determine, in a word only, in the form $P \pm \dots$, the number of pop songs in the number of pop songs during session A. (1)

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

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

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



NOTE: CD = compact disc to store and play digital audio recordings
(adapted from www.technology.co.za)

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 artists a music artist will make if he sells 210 000 copies of his music-CD. (2)
- 1.2.5 Calculate how many music-CDs must be sold for a artist, who sells ONE song, to receive R24.00. (2)

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DP Hallahan



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