basic education

Department:
Basic Education
REPUBLIC OF SOUTH AFRICA

Candidate Barcode Label/Stafieskodeplakker

NSC Answer Book
NSS-antwoordeboek

National Senior Certificate/*Nasionale Senior Sertifikaat* (Grade 12/*Graad 12*) – November 2025 ***Confidential/Vertroulik***

CENTRE NUMBER *SENTRUMNOMMER*	
EXAMINATION NUMBER *EKSAMENNOMMER*	
DATE *DATUM*	
SUBJECT CODE *VAKKODE*	
SUBJECT NAME *VAKNAAM*	**MATHEMATICS/*WISKUNDE***

Sequence No. on mark sheet
Volgnommer op punteblad

BOOK NUMBER *BOEKNOMMER*		OF *VAN*		BOOKS *BOEKE*
PAPER NUMBER *VRAESTELNOMMER*	2			

MARKER/*NASIENER*					MODERATOR'S INITIALS IN RELEVANT BLOCK / *MODERATOR SE VOORLETTERS IN RELEVANTE BLOKKIE*																			
Question *Vraag*	Marks *Punte*			Marker's Code & Initials *Nasiener se kode & Voorletters*	Marks *Punte*			SM	Marks *Punte*			DCM *AHN*	Marks *Punte*			CM *HN*	Marks *Punte*			IM	Marks *Punte*			EM
1																								
2																								
3																								
4																								
5																								
6																								
7																								
8																								
9																								
10																								
11																								
				TOTAL *TOTAAL*																				

CONTROLLED AND CERTIFIED CORRECT (SURNAME AND INITIALS OF EA) *GEKONTROLEER EN AS KORREK GESERTIFISEER (VAN EN VOORLETTERS VAN EA)*		READ INSTRUCTIONS ON THE NEXT PAGE. *LEES INSTRUKSIES OP DIE VOLGENDE BLADSY.*

This answer book consists of 27 pages./*Hierdie antwoordeboek bestaan uit 27 bladsye.*

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Please turn over/*Blaai om asseblief*

PLEASE FOLLOW THESE INSTRUCTIONS CAREFULLY	*VOLG ASSEBLIEF HIERDIE INSTRUKSIES NOUKEURIG*
1. Clearly write your examination number and centre number in the space provided and attach your barcode label in the space provided.	*1. Skryf jou eksamennommer en sentrumnommer duidelik in die ruimtes soos verskaf en plak jou stafieskodeplakker in die ruimte soos verskaf.*
2. Remember that your own name (or the name of your school) may not appear anywhere on or in this answer book.	*2. Onthou dat jou eie naam (of die naam van jou skool) nie op of in hierdie antwoordeboek mag voorkom nie.*
3. Answer ALL questions in the spaces provided.	*3. Beantwoord ALLE vrae in die ruimtes wat voorsien is.*
4. No pages may be torn from this answer book.	*4. Geen bladsye mag uit hierdie antwoordeboek geskeur word nie.*
5. Read the instructions printed on your timetable carefully as well as any other instructions which may be given in each examination paper.	*5. Lees die instruksies wat op jou eksamenrooster gedruk is, sorgvuldig deur, asook enige ander instruksies wat op elke eksamenvraestel gegee word.*
6. Candidates may not retain an answer book or remove it from the examination room.	*6. Geen antwoordeboek mag deur die kandidaat behou of uit die eksamenlokaal verwyder word nie.*
7. Answers must be written in black/blue ink as distinctly as possible. Do not write in the margins.	*7. Skryf die antwoorde so duidelik moontlik met swart/blou ink. Laat die kantlyne oop.*
8. Write the numbers of the questions you have answered on the front cover of the answer book where marks are to be recorded.	*8. Skryf die nommers van die vrae wat jy beantwoord het op die voorblad van die antwoordeboek waar die punte aangebring word.*
9. If you require additional space for your answers: 9.1 Use the additional space provided at the end of the answer book. 9.2 When answering a question in the additional space, indicate clearly the question number in the column on the LHS. 9.3 Rule off after each answer.	*9. In geval jy bykomende ruimte benodig vir jou antwoorde:* *9.1 Gebruik die bykomende ruimte wat aan die einde van die antwoordeboek voorsien word.* *9.2 As 'n vraag in die bykomende ruimte beantwoord word, dui duidelik die vraagnommer in die kolom aan die LK aan.* *9.3 Trek 'n lyn na elke antwoord.*
10. Draw a neat line through any work/rough work that must not be marked.	*10. Trek 'n netjiese lyn deur enige werk/rofwerk wat nie nagesien moet word nie.*

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QUESTION/*VRAAG* 1

AGE OF CAR (IN YEARS)/ *OUDERDOM VAN MOTOR (IN JAAR)*	SELLING PRICE OF CAR (IN RAND)/ *VERKOOPPRYS VAN MOTOR (IN RAND)*
2	293 000
3	265 000
3	256 000
4	219 000
4	241 000
4	246 000
6	226 000
6	176 000
7	154 000
7	180 000
8	148 000

	Solution/*Oplossing*	**Marks** ***Punte***
1.1		(3)
1.2		(2)
1.3		(2)
1.4		(1)
		[8]

QUESTION/*VRAAG* 2

2.1

TIME, t (IN MINUTES)/ *TYD, t (IN MINUTE)*	CUMULATIVE FREQUENCY/ *KUMULATIEWE FREKWENSIE*
$0 < t \leq 20$	16
$0 < t \leq 40$	40
$0 < t \leq 60$	59
$0 < t \leq 80$	67
$0 < t \leq 100$	70

	Solution/*Oplossing*	Marks *Punte*
2.1.1		(1)
2.1.2		(2)
2.1.3		(3)

	Solution/*Oplossing*	**Marks** ***Punte***
2.1.4		(1)

2.2

11	14	19	20	8	10	2	14

	Solution/*Oplossing*	**Marks** ***Punte***
		(5)
		[12]

QUESTION/*VRAAG* 3

	Solution/*Oplossing*	Marks *Punte*
3.1		(2)
3.2		(2)
3.3		(2)

	Solution/*Oplossing*	**Marks** ***Punte***
3.4		(2)
3.5		(2)
3.6		(5)

	Solution/*Oplossing*	**Marks** ***Punte***
3.7		
		(3)
		[18]

QUESTION/*VRAAG* 4

	Solution/*Oplossing*	Marks *Punte*
4.1		(1)
4.2		(4)

	Solution/*Oplossing*	**Marks** ***Punte***
4.3		(2)
4.4		(1)
4.5		(3)

	Solution/*Oplossing*	**Marks** ***Punte***
4.6		(4)
4.7		(2)
4.8		(4)
		[21]

QUESTION/*VRAAG* 5

	Solution/*Oplossing*	**Marks** ***Punte***
5.1.1		(2)
5.1.2		(5)
5.1.3		(4)

	Solution/*Oplossing*	**Marks** ***Punte***
5.2.1		(4)
5.2.2		(2)
		[17]

QUESTION/*VRAAG* 6

	Solution/*Oplossing*	**Marks** ***Punte***
6.1		(6)
6.2		(7)
		[13]

QUESTION/*VRAAG* 7

	Solution/*Oplossing*	**Marks** ***Punte***
7.1		(1)
7.2		(3)
7.3		(1)
7.4		(1)
7.5		(4)
		[10]

QUESTION/*VRAAG* 8

	Solution/*Oplossing*	**Marks** ***Punte***
8.1		(2)
8.2		(2)
8.3		(2)

	Solution/*Oplossing*	**Marks** ***Punte***
8.4		
		(4)
		[10]

Provide reasons for your statements in QUESTIONS 9, 10 and 11.
Verskaf redes vir jou bewerings in VRAAG 9, 10 en 11.

QUESTION/*VRAAG* 9

9.1

	Solution/*Oplossing*	**Marks** ***Punte***
9.1		(5)

9.2

	Solution/*Oplossing*	**Marks** ***Punte***
9.2.1		(2)
9.2.2		(3)
		[10]

QUESTION/*VRAAG* 10

	Solution/*Oplossing*	**Marks** ***Punte***
10.1		(3)
10.2		(3)
10.3		(2)
		[8]

QUESTION/*VRAAG* 11

11.1

	Solution/*Oplossing*	**Marks** ***Punte***
11.1.1		(2)
11.1.2		(4)
11.1.3		(4)

11.2

	Solution/*Oplossing*	Marks *Punte*
11.2.1		(2)
11.2.2		(1)
11.2.3		(3)

	Solution/*Oplossing*	**Marks** ***Punte***
11.2.4		(3)
11.2.5		(4)
		[23]

	Additional space/*Bykomende ruimte*	**Marks** ***Punte***

	Additional space/*Bykomende ruimte*	**Marks** ***Punte***

	Additional space/*Bykomende ruimte*	**Marks** ***Punte***

	Additional space/*Bykomende ruimte*	**Marks** ***Punte***

TOTAL/*TOTAAL*: **150**

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RE-MARK/RE-CHECK *HERMERK/HERSIEN*				
Question *Vraag*	Marks *Punte*			Initials *Voorletters*
1				
2				
3				
4				
5				
6				
7				
8				
9				
10				
11				
TOTAL *TOTAAL*				
HASH TOTAL *KAF-TOTAAL*				

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