

Candidate Barcode label/Stafieskodeplakker

SC/NSC Answer Book SS/NSS-antwoordeboek

Senio	or Certifica	ate/National Senior	r Certifica	te/ <i>Senior</i>	· Sertifikaa	t/Nasiona	ale Senior I	Sertifika	at (Grade	12/Graaa	12) 2023	
CENTRE NUM SENTRUMNO!												
EXAMINATIO EKSAMENNOM												
DATE DATUM							BOOK NO			OF VAN		OOKS DEKE
SUBJECT COL VAKKODE	ÞE						PAPER N VRAESTE	UMBER ELNOMME	ER	2		
SUBJECT NAM VAKNAAM	1E	MATI	HEMA	TICS	/WISK	UNDI	E					
М	ARKER/NAS	SIENER		7153	MOD MODERA	ERATOR'S	S INITIALS I	N RELEV	ANT BLOC	K OKKIF		8 H
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												
		TOTAL TOTAAL										
(SURNAME AN GEKONTROLES GESERTIFISEE VAN EA)	D INITIALS ER EN AS KO ER (VAN EN I	RREK							LEES INS	TRUKSIES OP	ON THE NEXT	

This answer book consists of 24 pages./Hierdie antwoordeboek bestaan uit 24 bladsye.

PLEASE FOLLOW THESE INSTRUCTIONS CAREFULLY	VOLG ASSEBLIEF HIERDIE INSTRUKSIES NOUKEURIG
Clearly write your examination number and centre number in the space provided and attach your barcode label in the space provided.	 Skryf jou eksamennommer en sentrumnommer duidelik in die ruimtes verskaf en plak jou stafieskodeplakker in die ruimte 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. 	 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.

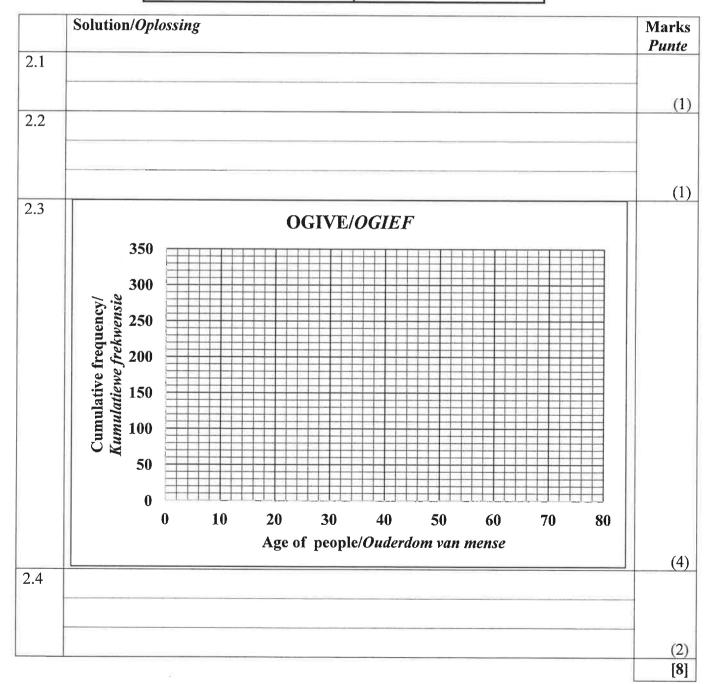
Amount spent on advertising (in rands)/ Bedrag aan advertensies spandeer (in rand) (x)	21 300	23 700	24 800	30 540	24 100	40 680	22 400	35 250	29 110
Sales (in rands)/ Verkope (in rand) (y)	311 500	326 700	349 200	470 000	316 100	564 200	314 000	487 300	392 900

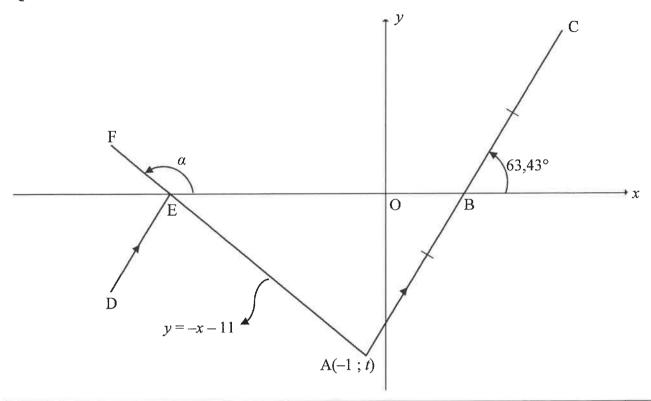
	Solution/Oplossing	Marks Punte
1.1.1		
		. (3)
1.1.2		
		(2)
1.1.3		(2)
		(1)
1.1.4		
		(1)

Profit									
(in rands)/ Wins	110 750	107 376	152 338	244 480	144 021	275 994	121 900	207 636	187 700
(in rand)									

	Solution/Oplossing	Marks Punte
1.2.1		
1.2.2		(2)
		(1)
1.2.3		
		(2)
	_ I.	[12]

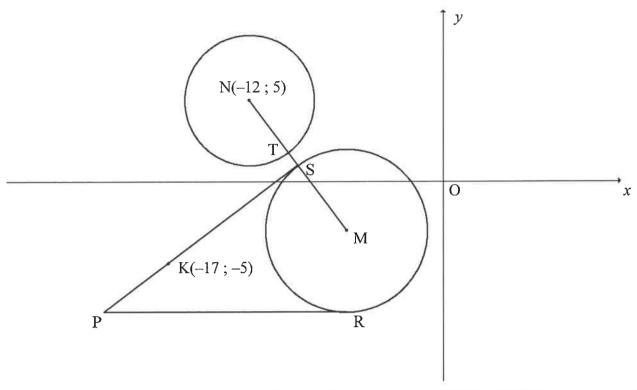
AGE/OUDERDOM	NUMBER OF PEOPLE/ GETAL MENSE
5 < <i>x</i> ≤ 15	20
$15 < x \le 25$	25
$25 < x \le 35$	60
$35 < x \le 45$	90
$45 < x \le 55$	55
$55 < x \le 65$	40
$65 < x \le 75$	30





	Solution/Oplossing	Marks <i>Punte</i>
3.1.1		
		(2)
3.1.2		
		(2)
3.1.3		
		(2)
3.2		
		(2)

	Solution/Oplossing	Marks Punte
3.3.1		
		(3)
3.3.2		
		(3)
3.4		
		(4)
		(4) [18]



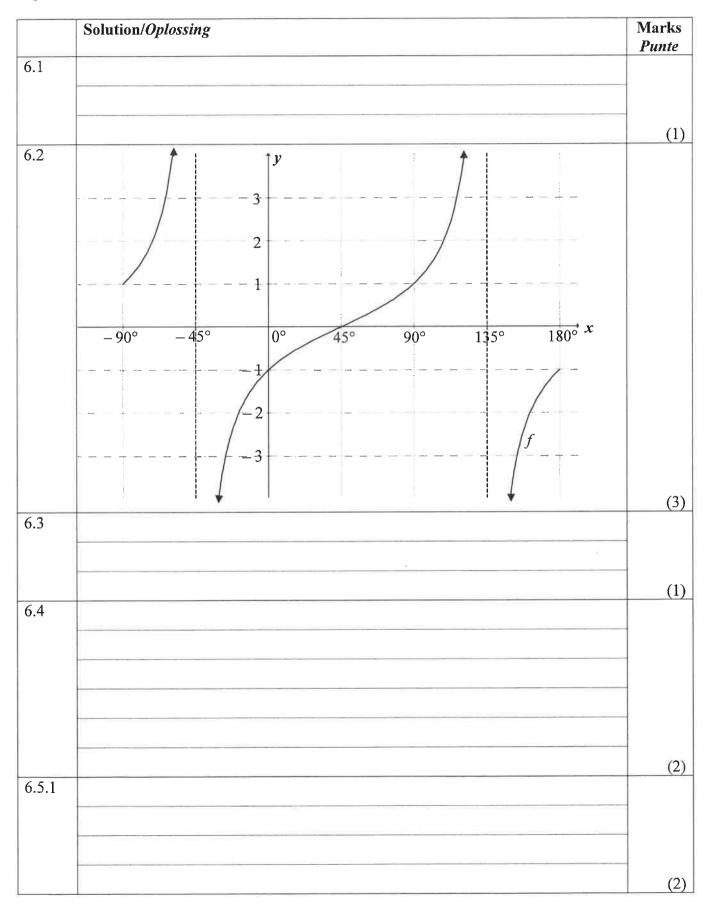
Solution/Oplossing	Marks Punte
	(2)
	(2)
	4
	(4)
	Solution/Oplossing

	Solution/Oplossing	Marks <i>Punte</i>
4.3.1		2 (11)
		(2)
4.3.2		(_)
,		
		(5)
4.4.1		
		(5)
4.4.2		
		(2)
		[22]

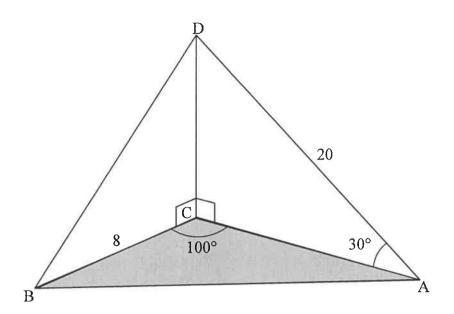
	Solution/Oplossing	Marks Punte
5.1		
		(5)
5.2.1		
		(2)
5.2.2		
		(2)
5.2.3		(2)
		(3)

	Solution/Oplossing	Marks <i>Punte</i>
5.3		
5.4.1		(3)
5.4.2		(3)
5,1,2		
		(3)

	Solution/Oplossing	Marks Punte
5.5.1		
		(4)
5.5.2		
		(3) [28]
		[28]



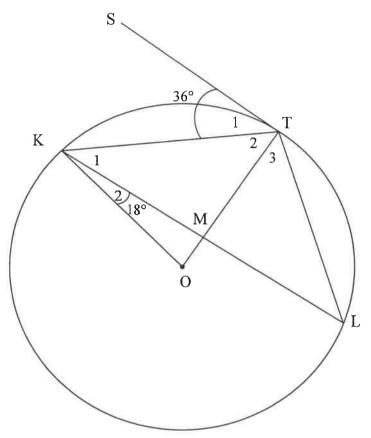
	Solution/Oplossing	Marks Punte
6.5.2		
		(4)
		[13]



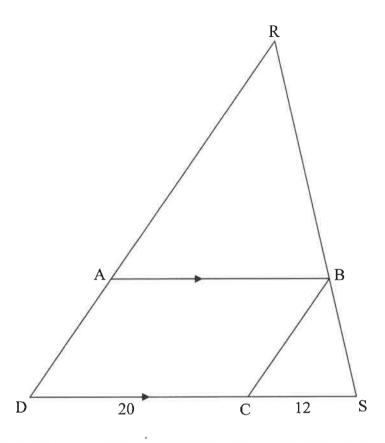
	Solution/Oplossing	Marks Punte
7.1.1		
		(2)
7.1.2		_
		(3)
7.2		
		(3)
		[8]

Give reasons for your statements in QUESTIONS 8, 9 and 10. Gee redes vir jou bewerings in VRAAG 8, 9 en 10.

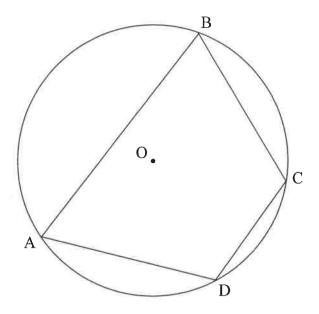
QUESTION/VRAAG8



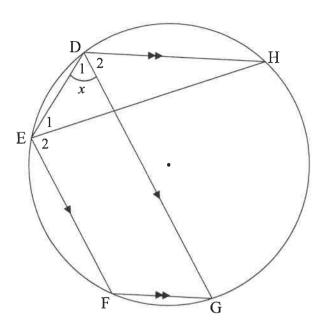
	Solution/Oplossing	Marks Punte
8.1.1(a)		
		(2)
8.1.1(b)		
		(2)
8.1.1(c)		
		(2)
8.1.2		
		(3)



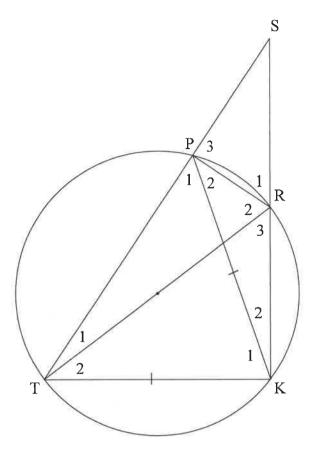
	Solution/Oplossing	Marks Punte
8.2.1		
		(3)
8.2.2		
		(3)
	di-	[15]



Solution/Oplossing	Marks <i>Punte</i>
	Punte
	(5)



Solution/Oplossing	Marks Punte
	1 unic
	(4)
	[9]



	Solution/Oplossing	Marks Punte
10.1.1		
	Ten .	
		(4)
10.1.2		
	·	
		(5)

	Solution/Oplossing	Marks Punte
10.1.3		
		//2
10.2		(3)
		-
		_
		-
		[17]
		[17

Additional space/Bykomende ruimte	M P
	 _

Additional space/Bykomende ruimte	Marks Punte	

Additional space/Bykomende ruimte	Marks Punte

TOTAL/TOTAAL:

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