



SC/NSC Answer Book

**Senior Certificate/National Senior Certificate Grade 12 – May/June 2025** *Confidential*

CENTRE NUMBER							
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[illegible]

DATE	
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<b>SUBJECT CODE</b>					
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<b>BOOK NUMBER</b>		<b>OF</b>		<b>BOOKS</b>
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PAPER NUMBER	1
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SUBJECT NAME	MATHEMATICAL LITERACY
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[illegible]

CONTROLLED AND CERTIFIED CORRECT (SURNAME AND INITIALS OF EA)		READ INSTRUCTIONS ON THE NEXT PAGE.
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**This answer book consists of 23 pages.**

**FOLLOW THESE INSTRUCTIONS CAREFULLY.**

1. Clearly write your examination number and centre number in the space provided and attach your barcode label in the space provided.
2. Remember that your own name (or the name of your school) may not appear anywhere on or in this answer book.
3. Answer ALL questions in the spaces provided.
4. No pages may be torn from this answer book.
5. Read the instructions printed on your timetable carefully as well as any other instructions which may be given in each examination paper.
6. Candidates may not retain an answer book or remove it from the examination room.
7. Answers must be written in black/blue ink as distinctly as possible.
8. Do not write in the margins.
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 left-hand side.
10. Draw a neat line through any work that must not be marked....

**QUESTION 1**

	<b>Solution</b>	<b>Marks</b>
1.1.1		(2)
1.1.2		(3)
1.1.3		(2)
1.1.4		(2)
1.2.1		(2)
1.2.2		(2)
1.2.3		(3)
1.2.4		(3)

	<b>Solution</b>	<b>Marks</b>
1.3.1		(2)
1.3.2		(2)
1.3.3		(2)
1.3.4		(2)
1.3.5		(2)
		<b>[29]</b>

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**QUESTION 2****2.1 ANNEXURE A****EMPLOYEE INCOME TAX CERTIFICATE ENDING FEBRUARY 2024****IRP5/IT3(a)**

Certificate Number

74207311202302VIPP0064300067

**EMPLOYEE INFORMATION**

Surname	Khan	Date of Birth	1971/03/05
First Name	Frieda	Identity Number	7103050210087
Initials	F	Cellphone Number	086721734
Income Tax Ref. No.	0480027401		

**BANK ACCOUNT DETAILS**

Account Holder	Khan F
Account Type	Cheque Account
Bank Name	Standard Bank

**PAY PERIODS**

No. of Periods Worked	365
Tax Period Start Date	2023/03/01
Tax Period End Date	2024/02/28

**EMPLOYER INFORMATION: Cols Medical Supplies**

PAYE Number	74207311	SDL Number	L74207311
UIF Number	U74207311	SDL Number	L74207311

INCOME RECEIVED		
Description	Amount (R)	Code
Income	564 467,00	3601
Annual Payment	38 093,00	3605
Commission	87 369,00	3606
Travel Allowance	154 839,00	3701
Employee's Debt	B	3808
Employer Provident Fund Contr.	36 005,00	3825
<b>Non-taxable Income</b>	<b>0,00</b>	<b>3696</b>
<b>ANNUAL GROSS SALARY</b>	<b>895 108,00</b>	<b>3699</b>

DEDUCTIONS AND CONTRIBUTIONS		
Description	Amount (R)	Code
EE Provident Fund Contr.	36 005,00	4003
ER Provident Fund Contr.	36 005,00	4473
Taxable Travel Remuneration	123 871,00	4582
<b>TOTAL DEDUCTIONS AND CONTR.</b>	<b>195 881,00</b>	<b>4497</b>

PAYE (pay-as-you-earn)	254 805,24	4102
EE & ER UIF Contribution	4 250,88	4141
ER SDL Contribution	5 702,69	4142
<b>Total Tax, SDL and UIF</b>	<b>A</b>	<b>4149</b>

[Adapted from original IRP5]

**NOTE: Contr. – Contribution****EE – Employee****ER – Employer****SDL – Skills development levy**

	<b>Solution</b>	<b>Marks</b>
2.1.1		(2)
2.1.2(a)		(2)
2.1.2(b)		(2)
2.1.3(a)		(2)
2.1.3(b)		(3)
2.1.4		(5)
2.1.5		(5)

## 2.2 ANNEXURE B

## TAX RATES FOR THE TAX YEAR ENDING FEBRUARY 2024

TAX BRACKET	TAXABLE INCOME (R)	TAX RATES (R)
A	1–226 000	18% of taxable income
B	226 001–353 100	40 680 + 26% of taxable income above 226 000
C	353 101–488 700	73 726 + 31% of taxable income above 353 100
D	488 701–641 400	115 762 + 36% of taxable income above 488 700
E	641 401–817 600	170 734 + 39% of taxable income above 641 400
F	817 601–1 731 600	239 452 + 41% of taxable income above 817 600
G	1 731 601 and above	614 192 + 45% of taxable income above 1 731 600

## TAX REBATES FOR THE TAX YEAR ENDING FEBRUARY 2024

Primary	R16 425
Secondary (Person 65 and older)	R9 000
Tertiary (Person 75 and older)	R2 997

[Adapted from [www.sars.gov.za](http://www.sars.gov.za)]

	Solution	Marks
2.2		



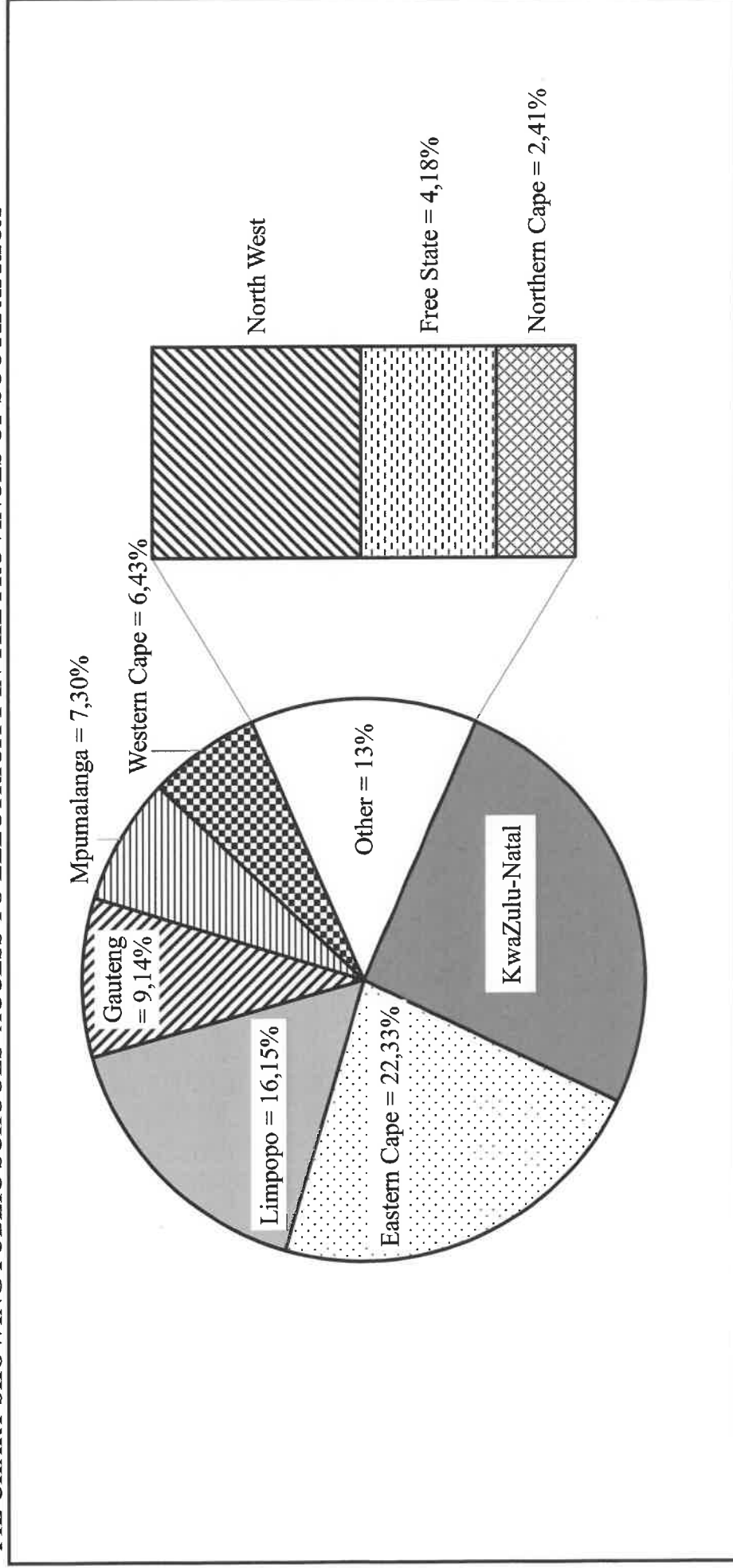
	Solution	Marks
2.3.1		(2)
2.3.2		(6)
		[35]

QUESTION 3

	Solution	Marks
3.1.1		(2)
3.1.2		(3)
3.1.3		(5)

	Solution	Marks
3.1.4		
		(4)

## 3.2 ANNEXURE C

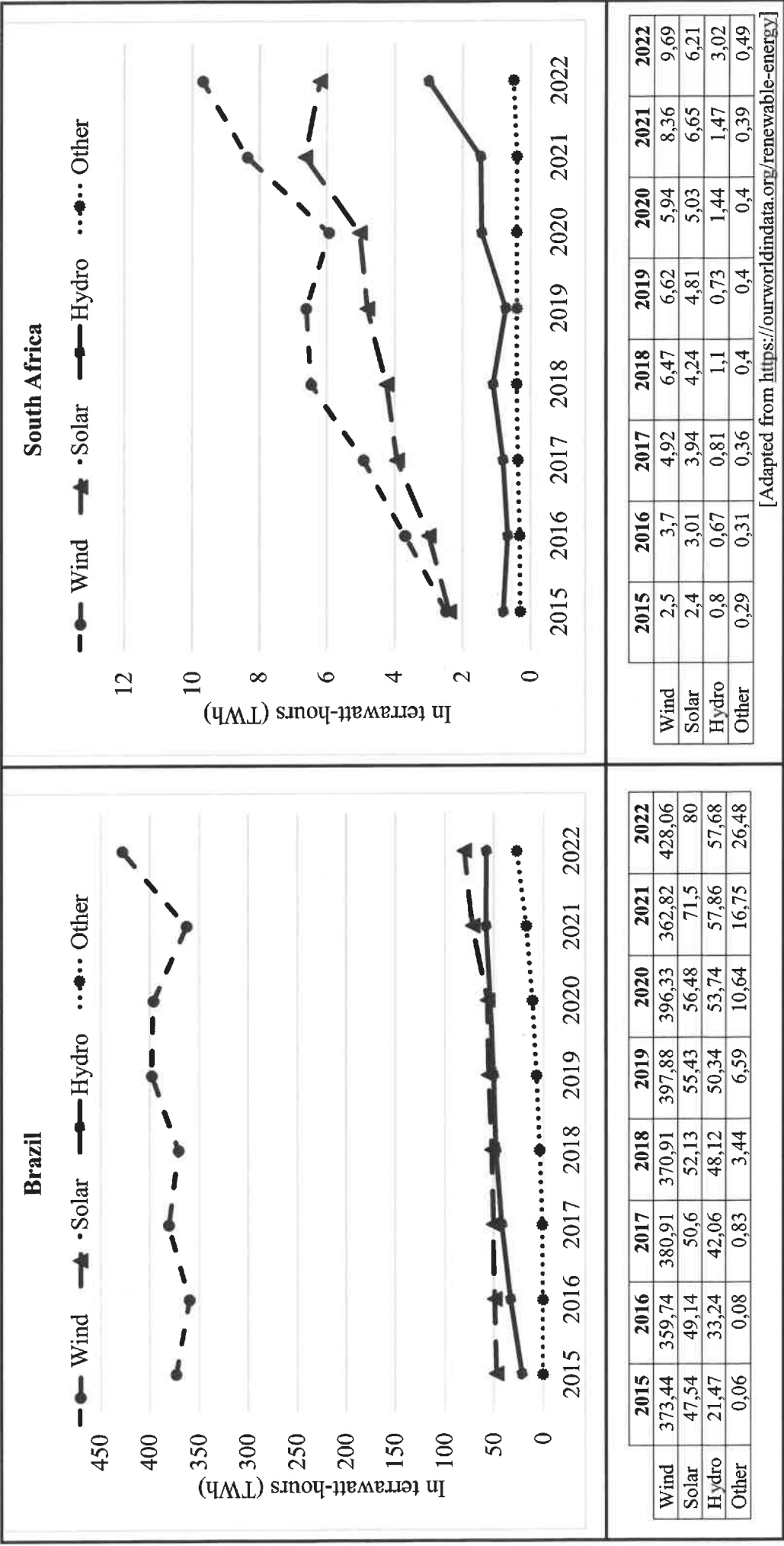
**PIE CHART SHOWING PUBLIC SCHOOLS' ACCESS TO ELECTRICITY IN THE PROVINCES OF SOUTH AFRICA**

[Adapted from Education Facility Management System (efms) Report, as on 21 August 2023]

	Solution	Marks
3.2.1		(3)
3.2.2		(4)

3.3 ANNEXURE D

ENERGY GENERATION CAPACITY OF DIFFERENT SOURCES FROM 2015 TO 2022 – BRAZIL VS SOUTH AFRICA

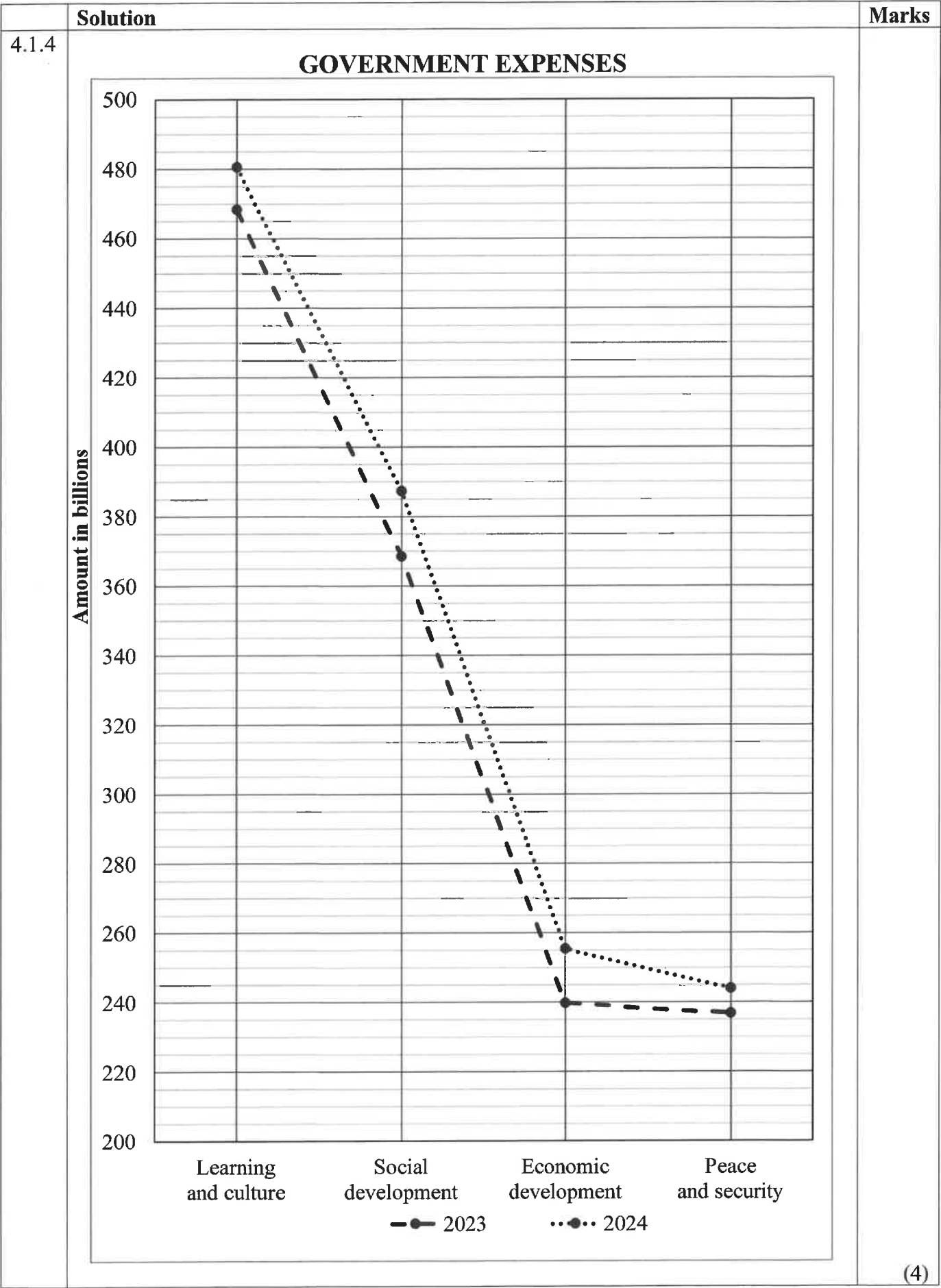


	Solution	Marks
3.3.1		(3)
3.3.2		(7)
3.3.3		(2)
		[33]

**QUESTION 4**

	<b>Solution</b>	<b>Marks</b>
4.1.1		(2)
4.1.2		(3)
4.1.3		(4)





	<b>Solution</b>	<b>Marks</b>
4.2.1		(2)
4.2.2		(4)
4.2.3		(4)
4.2.4		(2)
		<b>[25]</b>

QUESTION 5

	Solution	Marks
5.1.1		(2)
5.1.2		(5)
5.1.3		(4)

	Solution	Marks
5.1.4		
		(5)

	Solution	Marks
5.2.1		(2)
5.2.2		(4)
5.2.3		(6)
		[28]

Additional space		Marks

Additional space		Marks

RE-MARK/RE-CHECK				
Question	Marks			Initials
1				
2				
3				
4				
5				
TOTAL				
HASH TOTAL				