basic education
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Basic Education
REPUBLIC OF SOUTH AFRICA

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NSC Answer Book

National Senior Certificate (Grade 12) – Exemplar 2025 ***Confidential***

CENTRE NUMBER														
EXAMINATION NUMBER														

Sequence No. on mark sheet

DATE		**BOOK NUMBER**		**OF**	**BOOKS**
SUBJECT CODE		**PAPER NUMBER**	**1**		
SUBJECT NAME	**MATHEMATICAL LITERACY**				

MARKER				**MODERATOR'S INITIALS IN RELEVANT BLOCK**																			
Question	**Marks**			**Marker's Code & Initials**	**Marks**			**SM**	**Marks**			**DCM**	**Marks**			**CM**	**Marks**			**IM**	**Marks**			**EM**
1																							
2																							
3																							
4																							
5																							
				TOTAL																			

CONTROLLED AND CERTIFIED CORRECT (SURNAME AND INITIALS OF EA)		READ INSTRUCTIONS ON THE NEXT PAGE.

This answer book consists of 19 pages.

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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

	Solution	Marks
1.1.1		(2)
1.1.2		(2)
1.1.3		(2)
1.1.4		(2)
1.1.5		(3)
1.2.1		(3)
1.2.2		(2)
1.2.3		(2)
1.2.4		(3)

	Solution	**Marks**
1.3.1		(2)
1.3.2		(2)
1.3.3		(2)
1.3.4		(2)
		[29]

QUESTION 2

	Solution	Marks
2.1.1		(2)
2.1.2		(3)
2.1.3		(7)

	Solution	**Marks**
2.2.1		(2)
2.2.2		(3)
2.2.3		(5)

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2.3 ANNEXURE A

TAX RATES FROM 1 MARCH 2023 TO 29 FEBRUARY 2024

Tax Bracket	Taxable income (R)	Tax rates (R)
A	1–237 100	18% of taxable income
B	237 101–370 500	42 678 + 26% of taxable income above 237 100
C	370 501–512 800	77 362 + 31% of taxable income above 370 500
D	512 801–673 000	121 475 + 36% of taxable income above 512 800
E	673 001–857 900	179 147 + 39% of taxable income above 673 000
F	857 901–1 817 000	251 258 + 41% of taxable income above 857 900
G	1 817 001 and above	644 489 + 45% of taxable income above 1 817 000

TAX REBATES 2023/2024	
Primary	R17 235
Secondary (person 65 and older)	R9 444
Tertiary (person 75 and older)	R3 145

TAX THRESHOLDS 2023/2024	
Under 65	R95 750
65 and older	R148 217
75 and older	R165 689

2023/2024 MEDICAL CREDITS – MONTHLY CONTRIBUTION	
For the taxpayer or for a dependant who is a member of a medical aid	R364
For the taxpayer and one dependant	R728
For each additional dependant	R246

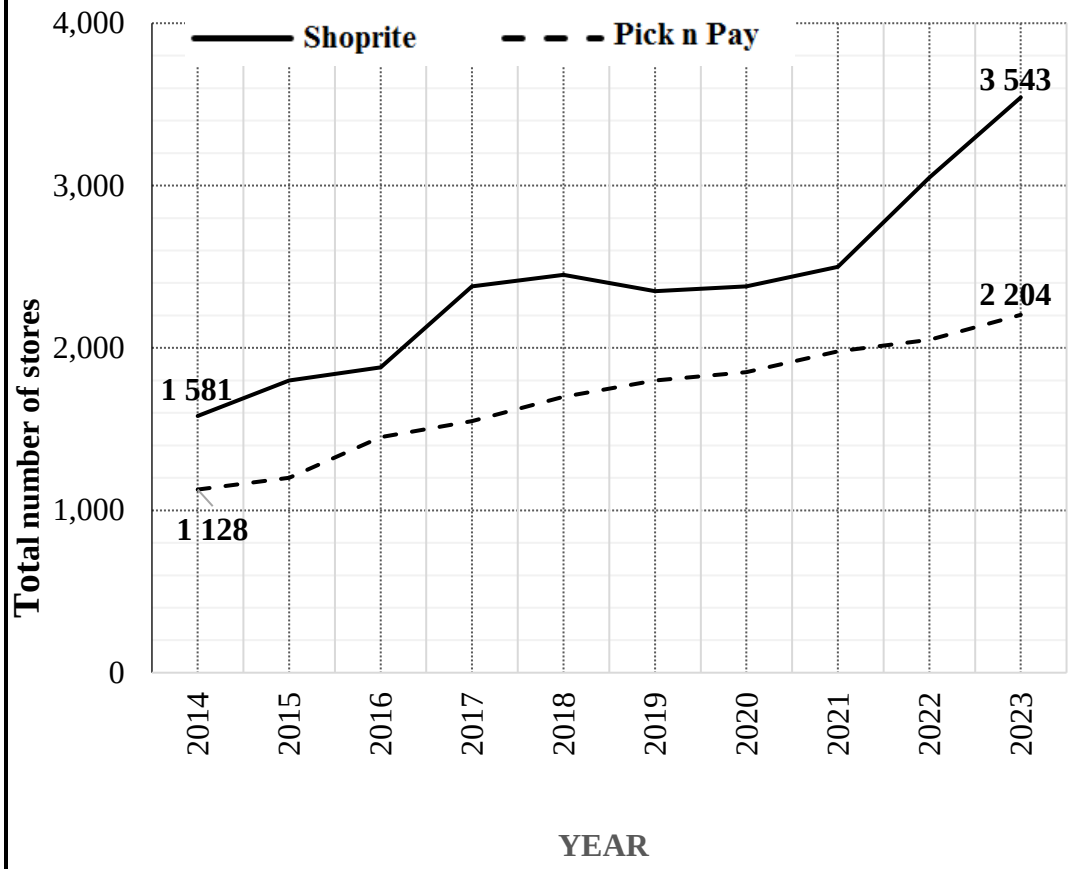
[Adapted from www.sars.gov.za]

	Solution	**Marks**
2.3.1		(3)
2.3.2		(5)
		[30]

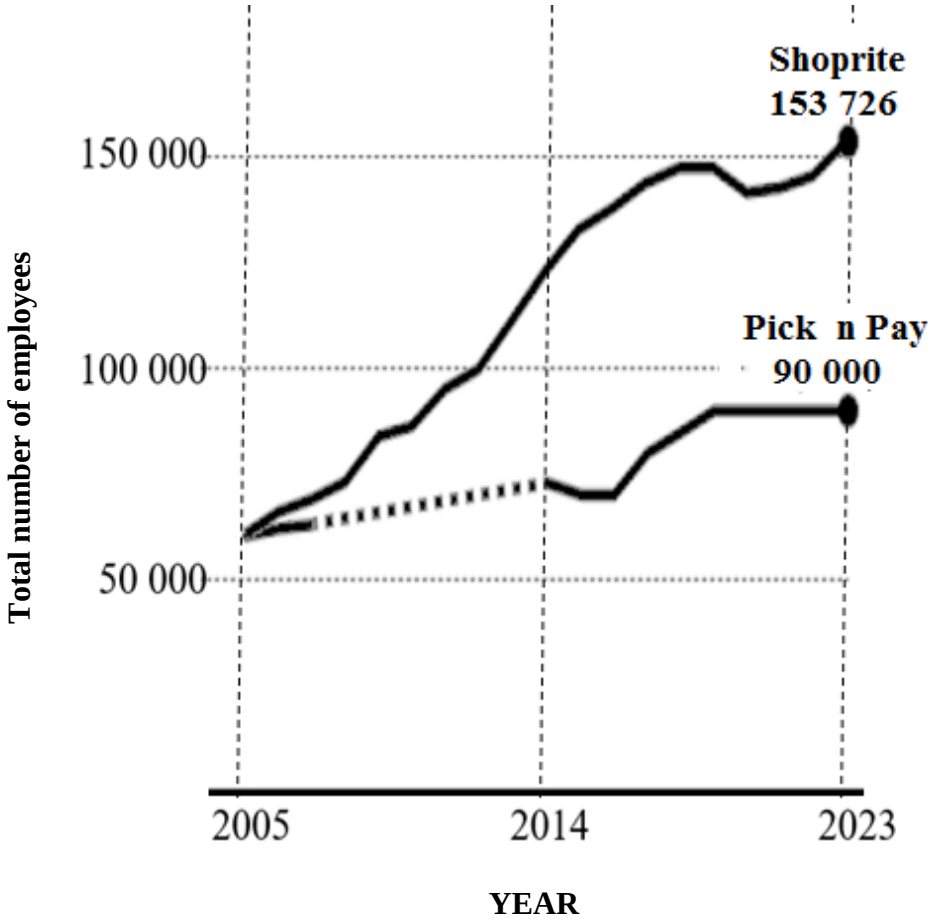
QUESTION 3

3.1 ANNEXURE B

GRAPH 1: TRENDS IN THE TOTAL NUMBER OF STORES



GRAPH 2: TRENDS IN THE TOTAL NUMBER OF EMPLOYEES



[Adapted from www.the outlier.co.za]

3.1	**Solution**	**Marks**
3.1.1		(2)
3.1.2		(3)
3.1.3		(6)
3.1.4		(3)

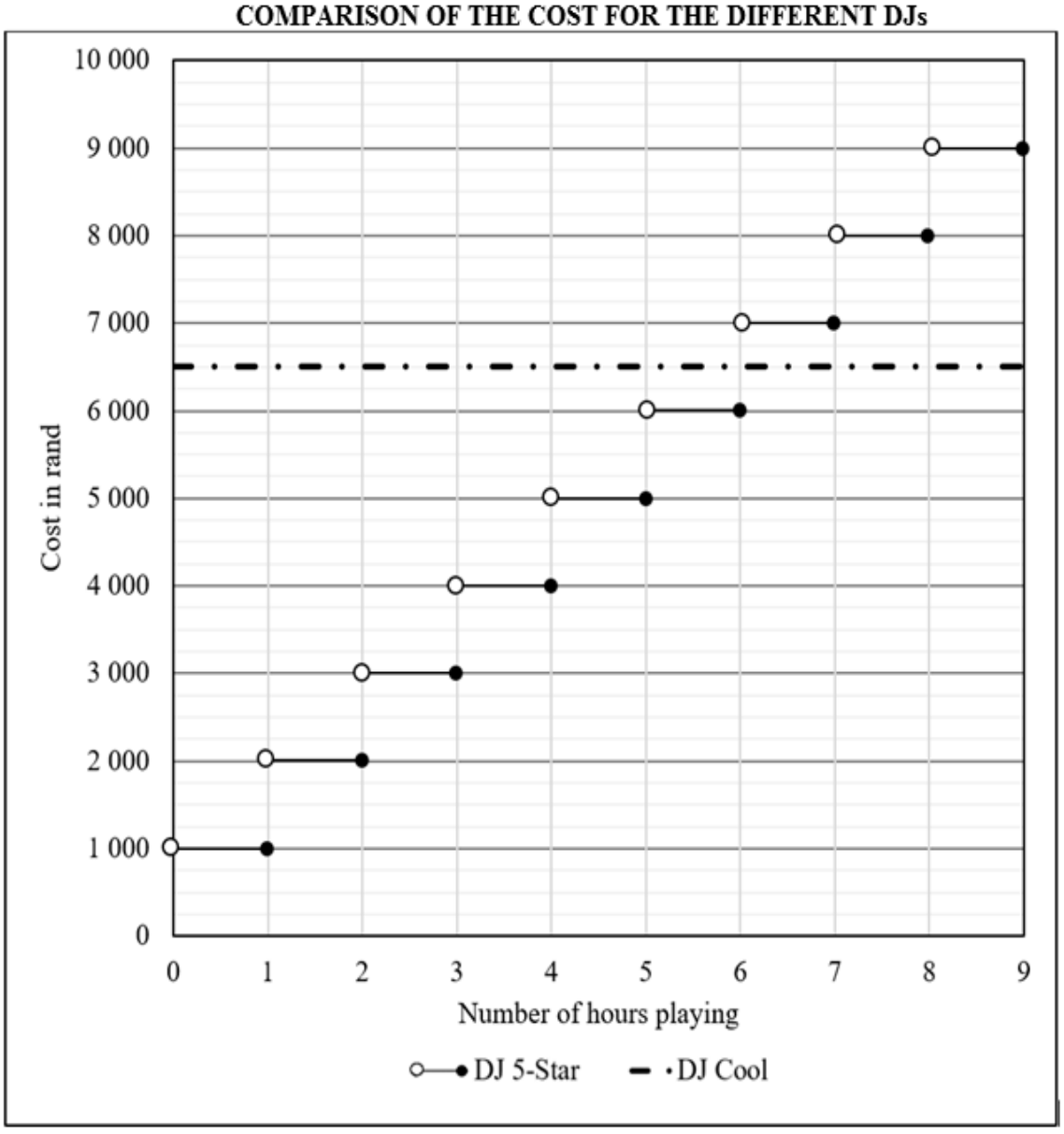
	Solution	**Marks**
3.2.1		(3)
3.2.2		(2)
3.2.3		(2)
3.2.4(a)		(3)
3.2.4(b)		(5)
		[29]

QUESTION 4

	Solution	Marks
4.1.1(a)		(3)
4.1.1(b)		(4)
4.1.2(a)		(2)

	Solution	Marks
4.1.2(b)	**TABLE 5: COST TO HIRE DJ RAIN PER HOUR**	(4)

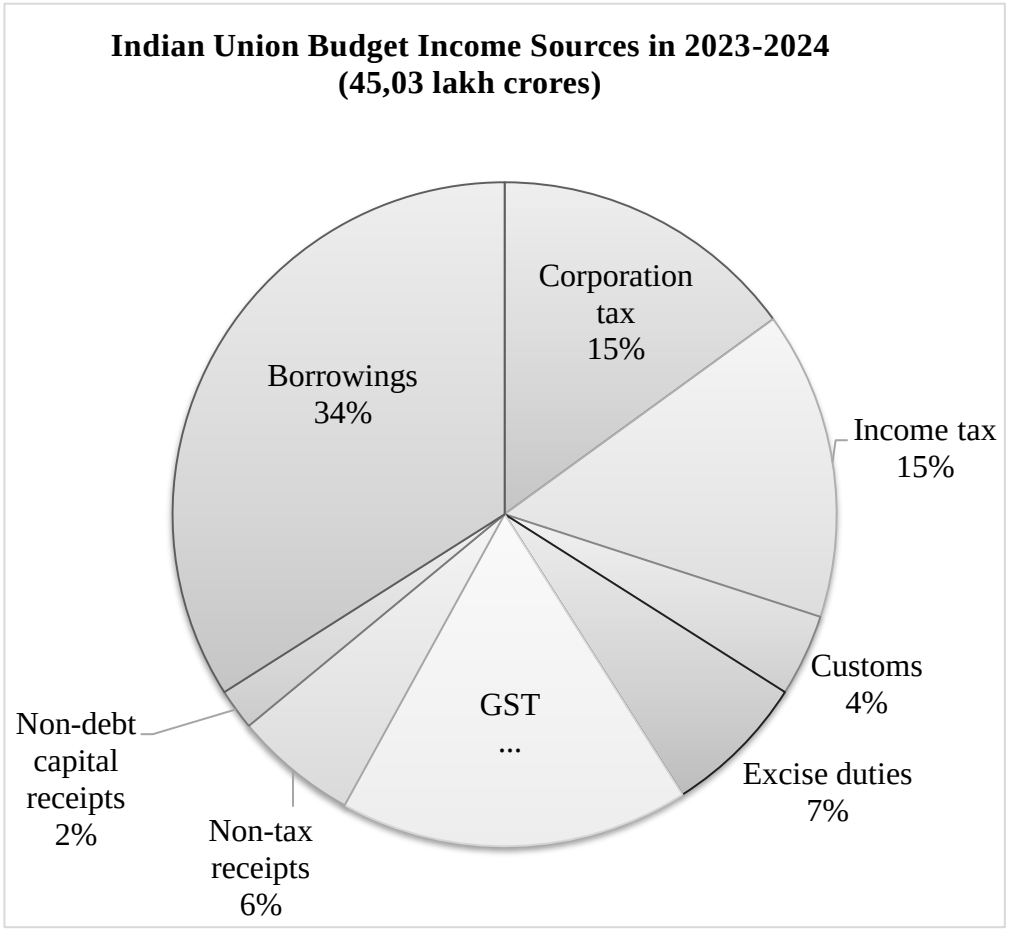
Number of hours	1	2	3	4	5	6	**7**	8	9
Cost (in R)	4 000	4 000	**P**	4 000	4 000	**Q**	6 500	7 750	**R**

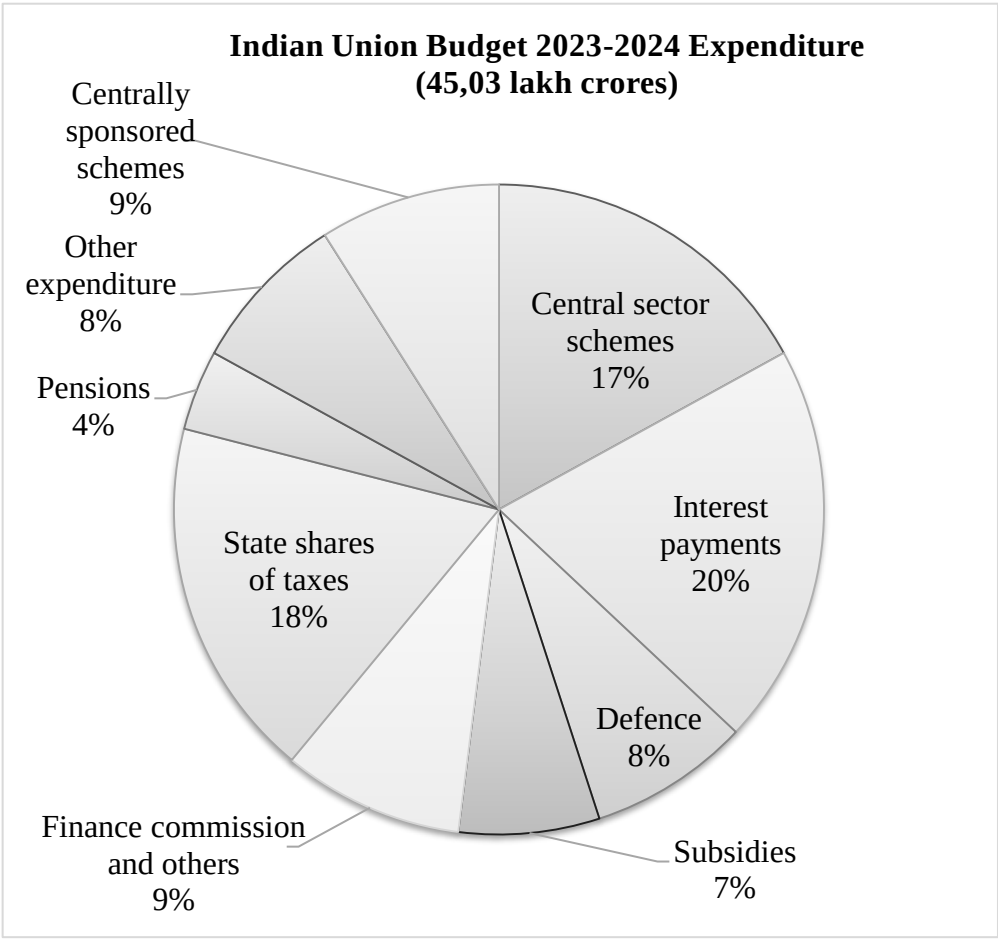


	Solution	**Marks**
4.1.3		(5)
4.1.4		(2)
4.2.1		(3)
4.2.2		(3)
4.2.3		(5)
		[31]

QUESTION 5.1

ANNEXURE C





[Adapted from https://www.equentis.com]

	Solution	**Marks**
5.1.1		(2)
5.1.2		(3)
5.1.3		(3)
5.1.4		(3)
5.1.5		(6)

	Solution	**Marks**
5.2.1		(2)
5.2.2		(4)
5.3.1		(2)
5.3.2		(6)
		[31]

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	Additional space	**Marks**

TOTAL: 150

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

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