education

Department:
Education
North West Provincial Government
REPUBLIC OF SOUTH AFRICA

PROVINCIAL ASSESSMENT

GRADE 12

MATHEMATICAL LITERACY

SHORT TEST 1

31 JANUARY 2025

MARKS: 26

TIME: 32 minutes

This question paper consists of 4 and 1 annexure.

INSTRUCTIONS AND INFORMATION

1. This question paper consists of TWO questions. Answer ALL the questions.

2. Use ANNEXURE A to answer QUESTION 1.1.

3. Number the answers correctly according to the numbering system used in this question paper.

4. Skip a line after each sub-question.

5. Start EACH question on a NEW page.

6. You may use an approved calculator (non-programmable and non-graphical), unless stated otherwise.

7. Show ALL calculations clearly.

8. Round off ALL final answers appropriately according to the given context.

9. Write neatly and legibly.

QUESTION 1

The document in ANNEXURE A is Pat's tax certificate for the financial year ending 28 February 2023. Some information has been omitted.

Use the information in ANNEXURE A to answer the questions that follow.

1.1 Write down the acronym for PAY-AS-YOU-EARN. (2)

1.2 Determine Pat's monthly taxable income. (3)

1.3 From March 2022 to July 2022 Pat contributed R4 975,25 to his pension fund.

Determine the average monthly pension fund contribution for the remainder of the financial year. (5)

1.4 Is Pat's annual taxable income the same as the total income he received for the period 2022/2023?

Justify your answer. (3)

[13]

QUESTION 2

Mr Jose is a 64-years-old employee.
He receives an annual taxable income of R409 769,02.

TABLE 1: INCOME TAX RATES FOR INDIVIDUALS FOR THE 2023/2024 TAX YEAR (01 MARCH 2023 TO 29 FEBRUARY 2024)

TAX BRACKET	TAXABLE INCOME (R)	TAX RATES (R)
1	0 – 195 850	18% of taxable income
2	195 851 – 305 850	35 253 + 26% of taxable income above 195 850
3	395 851 – 423 300	63 853 + 31% of taxable income above 305 850
4	423 301 – 555 600	100 263 + 36% of taxable income above 423 300
5	555 601 – 708 310	147 891 + 39% of taxable income above 555 600
6	708 311 – 1 500 000	207 448 + 41% of taxable income above 708 310
7	1 500 001 and above	532 041 + 45% of taxable income above 1 500 000

TYPE OF REBATE	AMOUNT	AGE	TAX THRESHOLD
Primary	R14 220	Below age 65	R79 000
Secondary	R7 794	Age 65 to below 75	R122 300
Tertiary	R2 601	Age 75 and older	R136 750

[Adapted from www.treasury.gov.za/Rapport]

Use TABLE 1 above to answer the questions that follow.

2.1 Show how the value of 35 253 in Tax bracket No. 2 was calculated. (2)

2.2 Explain the difference between tax rebate and tax threshold. (4)

2.3 Identify the tax rebate(s) that Mr Jose qualifies for in the 2023/2024 tax year. (2)

2.4 Calculate the monthly tax payable by Mr. Jose for the 2023/2024 tax year. (5)
[13]

ANNEXURE A

QUESTION 1.1

EMPLOYEE TAX CERTIFICATE

Transaction year: 2023 Year of Assessment: 2023 Period of reconciliation: 2022/2023

TYPE OF CERTIFICATE: IRP5

EMPLOYEE INFORMATION

Surname: NKU Date of birth: 19750616
First name: PAT Income tax number: 0804858209

EMPLOYER INFORMATION

Trading or other name: **Department of Education**

INCOME RECEIVED

	AMOUNT	SOURCE CODE
R	185 463	**3601**
R	15 521	**3605**
R	26 188	**3713**
R	8 640	**3810**

INCOME RECEIVED CONTINUED ...

	AMOUNT	SOURCE CODE
GROSS RETIREMENT FUNDING INCOME		
R	185 463	**3697**
GROSS NON-RETIREMENT FUNDING INCOME		
R	50 349	**3697**

DEDUCTIONS/CONTRIBUTIONS

	AMOUNT	SOURCE CODE
R	13 909	**4001**
R	20 013	**4005**
R	8 640	**4474**
TOTAL DEDUCTIONS/CONTRIBUTIONS		
R	**A**	**4497**

TAX CREDITS, CONTRIBUTIONS

	AMOUNT	SOURCE CODE
PAY-AS-YOU-EARN		
R	30 075,79	**4102**
TOTAL TAX AND UIF		
R	30 075,79	**4149**
MEDICAL SCHEME CONTRIBUTIONS TAX CREDIT		
R	2 760,00	**4116**

SOME SOURCE CODES

3601	INCOME – TAXABLE
3605	ANNUAL PAYMENT – TAXABLE
3703	REIMBURSIVE TRAVEL ALLOWANCES – NON-TAXABLE
3713	OTHER ALLOWANCES – TAXABLE
3810	MEDICAL AID CONTRIBUTIONS PAID ON BEHALF OF EMPLOYEE
4001	CURRENT PENSION FUND CONTRIBUTIONS
4005	MEDICAL AID CONTRIBUTIONS
4474	EMPLOYER'S MEDICAL AID CONTRIBUTIONS
4497	TOTAL DEDUCTIONS/CONTRIBUTIONS