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Department of  
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FREE STATE PROVINCE

**PREPARATORY EXAMINATION**

**GRADE 12**

**MATHEMATICAL LITERACY P1**

**SEPTEMBER 2023**

**MARKS: 150**

**ADDENDUM**

**This addendum consists of 5 pages with 4 annexures.**

## ANNEXURE A

## QUESTION 2.1

TABLE 1: TOTAL EXPENDITURE BY NATIONAL DEPARTMENTS IN 2019/20 FINANCIAL YEAR.

|                                          | Compensation<br>of employees | Purchasing of<br>goods and<br>services | Capital<br>spending | Current<br>transfers and<br>subsidies | Interest<br>payment | Total           |
|------------------------------------------|------------------------------|----------------------------------------|---------------------|---------------------------------------|---------------------|-----------------|
|                                          | R (in billions)              | R (in billions)                        | R (in billions)     | R (in billions)                       | R (in billions)     | R (in billions) |
| Basic education                          | 204,4                        | 26,2                                   | 12,0                | 19,7                                  | 0                   | 262,3           |
| Post-school education and training       | 11,5                         | 2,2                                    | 6,5                 | 92,4                                  | 0                   | 112,6           |
| Arts, culture, sports and recreation     | 4,1                          | 3,5                                    | 1,5                 | 2,3                                   | 0                   | 11,4            |
| Health                                   | 140,8                        | 64,7                                   | 11,1                | 6,1                                   | 0                   | 222,7           |
| Social protection                        | 14,7                         | 8,3                                    | 0,8                 | 183,2                                 | 0                   | 207             |
| Social security funds                    | 4,6                          | 4,1                                    | 1,2                 | 61,2                                  | 0,3                 | 71,4            |
| Community development                    | 17,3                         | 12,3                                   | 78,9                | 100,1                                 | 0                   | 208,6           |
| Industrialisation and exports            | 10,3                         | 3,6                                    | 8,8                 | 14,8                                  | 0                   | 37,5            |
| Agricultural and rural development       | 13,0                         | 8,8                                    | 6,4                 | 2,5                                   | 0                   | 30,7            |
| Job creation and labour affairs          | 3,5                          | 10,5                                   | 0,8                 | 8,4                                   | 0                   | 23,2            |
| Economic regulation and infrastructure   | 21,9                         | 35,6                                   | 33,6                | 3,5                                   | 6,6                 | 101,2           |
| Innovation, science and technology       | 4,8                          | 3,7                                    | 1,5                 | 6,6                                   | 0                   | 16,6            |
| Defence and state security               | 26,4                         | 12,0                                   | 1,3                 | 10,3                                  | 0                   | 50,0            |
| Police services                          | 79,8                         | 19,4                                   | 3,6                 | 1,3                                   | 0                   | 104,1           |
| Law courts and prisons                   | 33,9                         | 12,0                                   | 2,0                 | 0,4                                   | 0                   | 48,3            |
| Home affairs                             | 4,7                          | 2,9                                    | 0,7                 | 0,2                                   | 0                   | 8,5             |
| Executive and legislative organisations  | 7,9                          | 5,3                                    | 0,3                 | 2,6                                   | 0                   | 16,1            |
| Public administration and fiscal affairs | 20,8                         | 13,6                                   | 1,8                 | 5,4                                   | 0                   | 41,6            |
| External affairs                         | 2,9                          | 2,3                                    | 0,5                 | 1,8                                   | 0,1                 | 7,6             |
| Contingency reserve                      |                              |                                        |                     |                                       |                     | 13,0            |
| <b>Total</b>                             | <b>627,3</b>                 | <b>251,0</b>                           | <b>173,3</b>        | <b>522,8</b>                          | <b>7,0</b>          | <b>1 581,4</b>  |

[Source: www.treasury.gov.za]

## ANNEXURE B

## QUESTION 4.1

## TAX CERTIFICATE FOR THE TAX YEAR 2021/2022

| EMPLOYEE INFORMATION            |              | EMPLOYEE INCOME TAX CERTIFICATE INFORMATION |                       | NAME OF CERTIFICATE: IRP5                   |           |
|---------------------------------|--------------|---------------------------------------------|-----------------------|---------------------------------------------|-----------|
| EMPLOYEE NUMBER: 81039755       |              | YEAR OF ASSESSMENT: 2021/2022               |                       |                                             |           |
| SURNAME: JONES                  |              | INCOME TAX NO: 0181632159                   |                       | CELL: 0782727288                            |           |
| NAMES: DANIEL                   |              | DATE OF BIRTH 19/07/1979                    |                       | BUS TEL: 012 404 4612                       |           |
| EMPLOYEE ADDRESS                |              | 1145 BLOCK U, SOSHANGUVE                    |                       | ID NUMBER: 7907190589088                    |           |
| STREET NO:                      |              | PRETORIA                                    |                       | EMPLOYER DETAILS                            |           |
| TOWN:                           |              |                                             |                       | DEPARTMENT OF EDUCATION                     |           |
| INCOME RECEIVED                 |              | INCOME RECEIVED CONTINUE                    |                       | TAX CREDITS, EMPLOYER/EMPLOYEE CONTRIBUTION |           |
| R 463 277                       | BASIC INCOME | R 501 501                                   | GROSS EMPLOYEE INCOME | R 0                                         | SITE      |
| R 38 224                        | EXTRA INCOME |                                             |                       | R                                           | PAYE      |
|                                 |              |                                             |                       | R                                           | 86 154,12 |
| DEDUCTIONS                      |              | DEDUCTIONS                                  |                       | EMPLOYER AND EMPLOYEE UIF CONTRIBUTION      |           |
|                                 |              | R 34 745,78                                 |                       | R 0                                         |           |
| TOTAL DEDUCTIONS                |              | TOTAL DEDUCTIONS                            |                       | TOTAL TAX                                   |           |
| R                               |              | R 34 745,78                                 |                       | R                                           | B         |
| GROSS EMPLOYEE INCOME (TAXABLE) |              | GROSS EMPLOYEE INCOME (TAXABLE)             |                       | MEDICAL TAX CREDIT                          |           |
| R                               |              | R 466 755,22                                |                       | R                                           | 8 640,00  |
|                                 |              |                                             |                       | R 0                                         |           |

[Adapted from actual tax document]

## ANNEXURE C

## QUESTION 4.1.3

## TABLES 5 and 6: TAX TABLE AND TAX REBATES FOR THE 2021/2022 TAX YEAR.

TABLE 5: TAX RATES FOR 2021/22 TAX YEAR

| TAX BRACKET | TAXABLE INCOME      | TAX RATES (in R)                                |
|-------------|---------------------|-------------------------------------------------|
| 1           | 1–216 200           | 18% of the taxable income                       |
| 2           | 216 201–337 800     | 38 916 + 26% of taxable income above 216 200    |
| 3           | 337 801–467 500     | 70 532 + 31% of taxable income above 337 800    |
| 4           | 467 501–613 600     | 110 739 + 36% of taxable income above 467 500   |
| 5           | 613 601–782 200     | 163 335 + 39% of taxable income above 613 600   |
| 6           | 782 201–1 656 600   | 229 089 + 41% of taxable income above 782 200   |
| 7           | 1 656 601 and above | 587 593 + 45% of taxable income above 1 656 600 |

TABLE 6: TAX REBATES AND MEDICAL TAX CREDITS FOR 2021/22 TAX YEAR

| TAX REBATES              |         |
|--------------------------|---------|
| Primary                  | R15 714 |
| Secondary (65 and older) | R8 613  |
| Tertiary (75 and older)  | R2 871  |

[Source: [www.statssa.gov.za](http://www.statssa.gov.za)]

## ANNEXURE D

## QUESTION 5.1

NET WORTH (IN BILLION DOLLARS) OF THE TOP FIVE RICHEST PERSONS IN THE WORLD, AFRICA AND SOUTH AFRICA

