1.  **OUTREACH SCHOOLS EXAMINATIONS BOARD**
2. **END OF TERM I EXAMINATION 2024**
3. **P.5 MATHEMATICS**

***Time Allowed: 2hours 30 Minutes***

**Pupil’s Name: ………………….………….……………………………………**

**Class: …………………………….………….……………………………………**

**School Name: ………………………………………………………………….**

**INSTRUCTIONS: SECTION A**

1. Answer all questions.

2. Any drawing must be done in pencil. **SECTION B**

3. Use a very good handwriting. **TOTAL**

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| **SECTION A(40 MARKS)** | | | |
| 1. | Subtract: 84 – 13 | 4. | Expand 4,632 using values |
| 2. | Find the next two numbers in the sequence 2, 3, 5, 7,\_\_\_\_\_,\_\_\_\_\_ | 5. | Find the area of the figure below.  8cm  18cm |
| 3. | Find the LCM of 8 and 3 | 6. | Round off 732 to the nearest hundreds. |
| 7. | 4. Shade X – N  N X | 12. | Write 56 in Roman numerals. |
| 8. | Given the set A = { 1, 3, 5} Find the number of subsets in set A | 13. | Write “seven thousand seven hundred seventy seven” in figures. |
| 9. | Solve: 2x + 9 = 19 | 14. | Find the value of y.  550  Y |
| 10. | Draw a circle of radius 2cm | 15. | Show +5 + -3 = +2 on the number line below. |
| 11. | Change 2000m into Kilometers. | 16. | Add: 2 + 5  9 9 |
| 17. | Jane went to a shop and bought a bar of soap at 3,500/=. How much did she pay for 3 bars of soap? | 19. | Find the square root of 4. |
| 18. | List down all the factors of 20. | 20. | List down the first four even numbers. |
| **SECTION B (60MARKS)** | | | |
| 21. | Given the sets R = { a, b, c, d} and  X = {a, e, i, o, u}  a) Represent the above information on a venn diagram (3mks)  R X    b) Find  i) n(RUX) (1mk)  ii) n(X-R) (1mk) | 22. | a) Change 134 five to base ten. (2mks)  b) Add: 1 4five  + 3 3five  \_\_\_\_\_\_\_five    c) What is the product of 3 and 24?  (2mks) |
| 23. | Study the figure below carefully and answer the questions that follow.  10cm  5cm  y  X   1. Find the values of (1mks)   i) X  ii) y     1. Calculate the perimeter of the figure drawn in 22. (2mks)      1. Find the area of the drawn figure in 22. (2mks) | 25. | a) Irene is pregnant and she is about to give birth to a baby girl.  What is the probability that she will give birth to a baby girl? (2mks)  b) A die was rolled once. Find the chance that a number shown up was an even number. (2mks) |
| 24. | a) Given the digits 8, 3, 9. Form.   1. the smallest number (1mk@)   ii) the biggest number  b) Workout the difference between the biggest and the smallest numbers formed.  (2mks)  c) What is the place value of 3 in the smallest number formed above? (1mk) | 26. | a) Which day of the week comes before Monday? (1mk)  b) Subtract: **Weeks** **Days**  3 4  - 1 1  c) Name the month of the years with either 28 or 29 days.(1mk) |
| 27. | Complete the following mathematical expressions using the symbols:  >,< or = to make them correct. (1mk@)  a) XXIX\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_XIX  b) ½ + ½ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_1   1. 1000cm\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_20m   d) Fortnight\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_1 month | 29. | Given that a=2, b =3 and c = 4. Find the values of;  a) abc (2mks)    b) a + c (1mk)  c) a + bc (2mks) |
| 28 | a) Simplify: 2x + 3y – x – 2y(2mks)  29b. Complete the table below correctly. (1mk@)   |  |  |  |  |  | | --- | --- | --- | --- | --- | | Pairs | 4 | 2 | \_\_ | 7 | | No. of items | 8 | \_\_ | 10 | \_\_ |     c) Divide: 9 405 (2mks) | 30. | Workout the following numbers.  a) 2 + 1 (2mks)  3 4    b) 1 – 1 (2mks)  2 3  31.a) Show 203 on the abacus below.(2mks)  **H T O**    b) Expand 2016 using values. (2mks) |
|  |

32. **Study the grapy below care full and answer the questions that follow**.

Kilograms of maize flour sold

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 40 |  |  |  |  |  |  |  |
| 35 |  |  |  |  |  |  |  |
| 30 |  |  |  |  |  |  |  |
| 25 |  |  |  |  |  |  |  |
| 20 |  |  |  |  |  |  |  |
| 15 |  |  |  |  |  |  |  |
| 10 |  |  |  |  |  |  |  |
| 5  Jan | Feb | Mar | Apr | May | Jun | Jul |  |

Months of the year.

a) How many kg of maize flour were sold in May? (1mk)

b) Which month had the smallest numbers of kg of maize flour sold? (1mk)

1. Find the total numbers of kilograms, sold in the seven months altogether. (2mks)

END