**JULIANA JUNIOR SCHOOL - GAYAZA**

**END OF YEAR EXAMINATIONS 2022**

**CLASS : PRIMARY FOUR**

**SUBJECT : MATHEMATICS**

**DURATION : 2 HRS -15MINS**

**NAME:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_DATE\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Read the following instructions carefully.**

1. This paper is made up two section: A and B
2. Section A, has 40 short answer questions (40 marks)
3. Section B, has 15 questions. (60 marks)
4. Answer all questions. All answers for section A and B must be written in the spaces provided.
5. All answers must be written using a blue or black ball-point pen or ink. Diagrams should be drawn in pencil.
6. Unnecessary alteration of work will lead to loss of marks.
7. Any handwriting that cannot easily be read may lead to loss of marks.
8. Do not fill anything in the boxes indicated for official use only.

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| **FOR OFFICIAL USE** | | |
| **SECTION** | **MARKS** | **T/L MARKS** |
| A |  |  |
| B |  |  |
| **TOTAL** |  |  |

**SECTION A**

|  |  |
| --- | --- |
| 1. Simplify;   4m+5m | 1. Write 2 in words   5 |
| 1. Find the next number in the sequence.   0, 2, 4, 6, 8, \_\_\_\_ | 1. Draw a rectangle and indicate its lines of symmetry. |
| 1. Add: 2 + 3   8 8 | 1. Find the L.C.M of 5 and 6 |
| 1. Laura was given six coins of five hundred shillings. How much money was she given? | 1. Find the complement of 50o |
| 1. Change 6kg to grams | 1. A mother shared 4800/= among Grace, Mary and Sam equally, how much did each child get? |
| 1. Draw a symbol to mean subset. | 1. Peter had 370 goats and 200 cows on his farm. How many animals are on Peter’s farm? |
| 1. Opio worked for 360 minutes in a day, for how many hours does he work? | 1. 14. Find the missing angle below.     80o  50o m |
| 1. Martha ran for a distance 200km and Peter ran for 150km. what was the range of the distance the two children covered? | 1. The diameter of a circular mouth of a tin is 24cm, find its radius. |
| 17. Find the product of ½ and ¼ | 1. Describe the shaded region below. |
| 1. Karl’s Uncle is 54 years old; write his age in roman numerals. | 1. Read the morning time shown on the clock face.   12 1  11 2  10 3  9 4  8 5  7 6 |
| **SECTION B (60 MARKS)**  21. Study the Venn diagram below and answer the following questions.     1. List down elements of set A   (1mark  22. Peter is 4 years younger than his brother Patrick. If Patrick is 15 years old,   1. Find Peter’s age (2 marks) 2. Find their total age (2 marks) 3. How old will peter be in 6 years time? (2 marks) | 1. Find (1 mark each) 2. AuB 3. B-A   C) What is n(AnB)? (1 mark)   1. Use <,> or = to complete the statements below, show the working. 2. 2x2x2 \_\_\_\_16÷2 (2 marks each) 3. ½ of 20 \_\_\_\_\_10+5 4. Lx \_\_\_\_\_XL |
| 1. Study the figure below and answer the questions that follow.   5m  3m  8m   1. Name the figure (1 mark) 2. How many faces it has?   (1 mark) | 1. Find the area of the shaded face. (2 marks) 2. Find the volume of the figure   (2 marks) |
| 1. Given that X=4 and Y= 5. Find the value of; 2. 2x +2y (2 marks each) | b) 3y – x   1. ½ of xy |
| 1. Complete the table below showing meters and kilometers (1mark each)  |  |  |  |  |  | | --- | --- | --- | --- | --- | | Km | 2 | 4 | \_\_\_\_ | \_\_\_\_ | | Meters | \_\_ | \_\_\_ | 8,000 | 10,000 | | 1. On a party of 30 guests, 2/3 where females and the rest were males. 2. Find the fraction for males   (1 mark)   1. How many females were on the party? (2 marks) 2. How many male guests were on the party? (2 marks) |
| 1. Study the figure below and answer the questions that follow.   8cm  6cm  10cm  4cm  (2 marks)   1. Find the area of the small rectangle. (2 marks) | 1. Calculate the area of the big rectangle. (2 marks) 2. Find the area of the shaded region. (2 marks) |
| 1. 29. Work out:   Wks days  a) 3 5 (2marks)  + 4 3  \_\_\_\_\_\_\_\_\_  Yrs month  b) 2 5 (2marks)  +1 3  \_\_\_\_\_\_\_\_\_ | 30. Use a number line to work out:  a) 6+4 = (2marks each)  0 1 2 3 4 5 6 7 8 9 10 11   1. 2 x 4 2. 1 2 3 4 5 6 7 8 9 10 11 |
| 1. Adam was sent to the market to buy the following items;  * 4 mangoes at shs 500 each * 2 pineapples at shs 1,500 each * 3 apples at shs 1,000 eahc  1. What was his total expenditure? (4 marks) 2. If he went with a ten thousand shillings note, how much was his change? (2 marks) | 32 a) Using a ruler and a pair of compasses only construct an equilateral triangle PQR where line PQ = 3cm (4marks) |

**BEST LUCK**