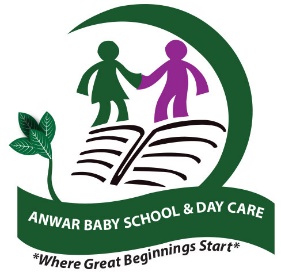
**ANWAR BABY SCHOOL, DAYCARE AND PRIMARY - NKOOWE.**

**END 0F TERM ONE EXAMINATION 2024**

**P.7- MATHEMATICS SET 2**

**Name:-\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_­­­­­­­­­­­­\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Class: \_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**School:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**SECTION A (40 MARKS)**

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| --- | --- | --- | --- |
| 1. | Work out: 63 + 54 | 2 | Write 124 in Roman Numerals. |
| 3 | Given that R = and S=**,** find n(RS) | 4 | Arrange the integers 3, 4, 0 and 5 in ascending order |
| 5 | Convert 5 litres to mililitres | 6 | A meeting that took 2hours and 10minutes ended at 11:40am. At what time did the meeting begin? |
| 7 | What single numeral has been expanded as shown below?  () + () + (). | 8 | The school nurse was born in 1987. Write the nurse’s age in Roman numerals. |
| 9 | Find the value of a in the figure below.  30  135 | 10 | Use a ruler, a pencil and a pair of compasses to construct the angle 90 |
| 11 | Find the next number in the sequence.  16, 18, 21, 26, \_\_\_\_ , \_\_\_\_\_ | 12 | Work out: 3 – 4 = \_\_\_ (finite 7) |
| 13 | Add: 1 0 1**two**  +1 1 1**two** | 14 | Work out:  - ˉ4 |
| 15 | The cost of 3 bars of soap is sh. 6,000. Find the cost of 5 similar bars of soap. | 16 | Calculate the area of the figure drawn below  **8 cm**  **18 cm**  10 cm  **h** |
| 17. | Given that represents 20 oranges. Find the number of oranges represented by  . | 18. | Trisia is 10 years older than Katomba. If the total is 50 years; how old is trisia now? |
| 19. | John bought 157 apples on Monday and 148 apples on Tuesday. How many apples did he buy altogether? | 20. | The LCM of two numbers is 120 and their GCF is 2. If the first number is 40. Find the second number. |

**SECTION B (60 MARKS)**

|  |  |
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| 21. | In a primary of 120 pupils, 30% are boys and the rest are girls. a) find the percentage of girls in class (1mk)    b) How many boys are in the class? (2mks) |

|  |  |
| --- | --- |
| 22. | Solve the following equations.   1. Y + 2 = 10 (2mrks) 2. 3 (1mrk) 3. = 3 (2mrks) 4. Simplify: - (2mrks) |
| 23. | a) Workout 5m + 3n – m + 2n (2mrks)    b) The cost of a chair is 30,000 more than the cost of the door. If both items cost sh. 90,000. Find the cost of each item (3mks) |
| 24. | In a class of 40 pupils, 25 like English (E), K pupils like Math’s (M), 10 like both Math’s and English, while 4 pupils like neither of the two subjects.  a) Complete the Venn diagram below using the given information (2mrks)  **4**  **n(E) =**  **n(M) =**  **n(ԑ) = K**  b) How many pupils like Math’s? (3mrks) |
| 25. | Mr. Kitamalike left his home at 7:30am driving at a steady speed of 90km/h and arrived at school at 9:00am.   1. For how long did he take to reach at school. (2mrks) 2. Calculate the total distance covered by Mr. Kitamalike. (2mrks) |
| 26. | (a) Expand 4,395 using powers of ten. (2mrks)  9  4  6  (b) Amron was given three cards . Form the smallest and the biggest three digits number from the cards. (2mrks) |
| 27. | The table below shows marks scored by contestants in National quiz competitions. Study it and answer the questions that follow.   |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | | Marks | 35 | 40 | 50 | 70 | 90 | | No. of contestants | 2 | 2 | 2 | 2 | 1 |  1. What is the modal mark? (1mrk) 2. How many contestants got above the modal mark? (1mrk) 3. Calculate the mean mark. (2mrks) |
| 28. | The sum of three consecutive numbers is 66.   1. Find the numbers. (2mrks) 2. Work out their range. (2mrks) |
| 29. | In a primary school, two bells for lower and upper primary at intervals of 30minutes and 40 minutes respectively.   1. After how long will the two bells ring together? (2mrks) 2. If they first rung together at 8:30am. At what time do they ring together again? (2mrks) |
| 30. | The table below shows Catherine bought items from a nearby supermarket. Study it carefully and answer questions that follow.   |  |  |  |  | | --- | --- | --- | --- | | Item | Quantity | Unit cost | Amount | | books | \_\_\_\_\_ books | Sh.5,000 | Sh. 20,000 | | sugar | 3kg | Sh.5,500 | Sh…………… | | bread | 2 loaves | Sh. ……….. | Sh. 8,000 | | Total expenditure | | | Sh. ........... |  1. Complete the table (4mrks) 2. If she was given a discount of sh. 500, how much did she pay? (1mrk) |
| 31. | Study the abacus and answer the questions that follow.  H T O   1. Write the number represented on the abacus. (2mrks) 2. Expand the above using powers. (2mrks) 3. Round off to the number in (a ) above to the nearest ten. (1mrk) |

**END**

**GOOD LUCK**