**TRINITY PRIMARY SCHOOL-BUKOTO**

**NATURE OF WORK: REVISION WORK**

**SET: 7**

**SUBJECT: MATHEMATICS**

**CLASS: P.7**

**NAME: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ DATE \_\_\_\_\_\_\_\_\_\_\_**

**SECTION A (40marks)**

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| 1. | Work out: 105 ÷5 | 6. | Work out the distance around the figure.  5 y  3y  2x  4x |
| 2. | Write: 1, 049 in words. |
| 3. | Set A={a, b, c, d} B={ p, q, k}  Find ∩(A∩B). | 7. | Using a ruler, pencil and a pair of compasses only, Construct an angle of 600 in the space provided below. |
| 4. | Work out: 11/2 ÷ 1/3. |
| 5. | Find the next number in the sequency:  81, 64, 49, 36, 25, \_\_\_\_\_\_\_\_ | 8. | Work out: 4 3 2five  - 1 3 five |

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| 9. | A trader bought a bag at shs.65000. He later sold it and made a loss of 5000/=, at what price did he sell it? | | 13. | Write the number whose prime factorization is {21, 22, 31, 51}. |
| 14. | 2x = 8. Find the value of x. |
| 10. | The mass of a packet of tea leaves is 1/5 kg. What is the mass of the tea leaves in grams? | |
| 15. | Today is Monday. What day of the week will it be 30 days from now? |
| 11. | Given that t = 3, r = -5.  Evaluate: 2t +3r | |
| 16. | Nantume borrowed sh.120, 000 from Bank of Africa at interest rate of 8% per year for 3 years.  What interest did she pay after 3 years? |
| 12. | Express 72 km/hr to m/s. | |
| 17. | t  600  Find the size of angle t. | | 20. | A goat was tied on a tree using a rope 7m long. It rotated around the tree 3 times. What distance did it cover? |
| 21. | **SECTION B (60 Marks)**   1. Draw beads to show the number 7083 on the abacus.   *(1mk)*  (b)Find the product of the value of 3 and 8 in 135.08. *(3mks)* |
| 18. | By how many is -5 greater than -7? | |
| 19. | A car consumes 10 litres of petrol for journey of 40km. How many kilometres can a car travel with 60 litres of fuel? | |
| 22. | At a birth day party attended by 40 guests, 30 guests ate Meat (M), 25 ate Beans (B) and y ate both beans and meat, 5 guests never ate any food.  **∩ (∑) =40**  ∩(M) =\_\_\_ ∩(B) =\_\_\_\_  5   1. Represent the above information on the Venn diagram above.   *(4mks)*  (b) What is the probability of picking a guest who likes both Meat and Beans?  *(1mk)* | | 23.    22. | Katatumba bought the following items from a market.  2kgs of rice at sh.3200 per kg.  11/2 kg of meat at sh.10000 each kg.  500gm of salt at sh.1600 per kg.  2 sackets of cooking oil at sh.1850  How much money did he pay for all the items? *(5mks)* |
| 24. | (a) Express 1101two in base ten. *(2mks)*  (b)If 24n = 28six, find the value of n. *(3mks)* |
| 25. | The perimeter of a rectangle below is 24 cm.  P= 24 cm  4 cm  y   1. Find the value of y. *(3mks)* 2. Calculate the area of the figure. *(2mks)* | |  | (b) Work out: 21/4 x 11/2 of 8 |
| 27. | (a) Using a ruler, pencil and a pair of compasses only. Construct a triangle XYZ where XY= 6cm <X=450 and <y =600. *(5mks)*  (b) Measure line YZ in cm. *(1mk)* |
| 26. | 1. Simplify: 0.02 x 0.24   0.06 | |
| 28. | (a) Solve: 4(p-1) - 2(p-1) =12. *(2mks)*   1. A book costs 500/= more than a pen. Their total cost is sh.2500.Find the cost of each item. *(3mks)* | |  | 1. Use the Venn diagram to work out the LCM of 36 and 30*.(3mks)* | |
| 30. | The exchange rates for Kenya shillings (Ksh) to Uganda shillings (Ug sh.) and United states dollars (Us $) to Uganda shillings are shown below.  KSH.1= Ug sh. 20  US $ 1 = Ug sh. 2500.   1. How many Kenya shillings can I get from 50,000 Ug shillings?   *(3mks)*   1. If the cost of a car in US $ is 10,000.How much money can you pay for the car in Uganda shillings? *(2mks)* | |
| 29. | Study the prime factorization shown on the Venn diagram below and answer the questions.  F36 F30   1. Find the value of x and y. *(2mks)* | |
| 31. Ali scored the following marks in a series of Math tests: 60, 70, 40 and 65. Find: (1mk@)   1. His mean mark. 2. Modal mark. 3. Median mark. 4. Modal frequency. | | 32.  C   |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | **Distance in (km)** | 80  60  40  A  0  20 |  |  |  |  |  |  |  |  | |  |  |  |  |  |  |  |  | |  |  |  |  |  |  |  |  | |  |  | B |  |  |  |  |  | |  |  |  |  |  |  |  |  | |  |  |  |  |  |  |  |  | |  |  |  |  |  |  |  |  | |  |  |  |  |  |  |  |  | |  |  |  |  |  |  |  |  |   **8:00 9:00 10:00 11:00 12:00**  **TIME (HRS)**  The graph above shows the journey of a motorist who travelled from Town A through Town B to Town C. The motorist rested at Town B and continued to town C.   1. At what time did the motorist reach town B? *(1mk)* 2. How far is Town C from Town A? *(1mk)* 3. Calculate the average speed for the whole journey. *(3mks)*   **END** | | | | |