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

**“WHERE GREAT BEGINNINGS START”**

**MID TERM I EXAMINATIONS 2024**

**MATHEMATIC PRIMARY SEVEN**

***Time Allowed: 2 Hours 30 Minutes***

**Index No.**

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**Candidate’s Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Candidate’s Signature\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

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

**FOR EXAMINER’S USE ONLY**

**Read the following instructions carefully:**

|  |  |  |
| --- | --- | --- |
| **FOR EXAMINER’S USE ONLY** | | |
| **Qn. No** | **MARK** | **SIGN** |
| **1 – 10** |  |  |
| **11 – 20** |  |  |
| **21 – 30** |  |  |
| **31 – 32** |  |  |
| **TOTAL** |  |  |

1. The paper has **two** sections: **A** and **B**
2. Section **A** has 20 short questions (40 marks)
3. Section **B** has 12 questions (60 marks)
4. Answer **ALL** questions. All answers to both Sections A

And B must be written in the spaces provided.

1. All answers must be written using a blue or black ball

Point pen or ink. Diagrams should be drawn in pencil.

1. Unnecessary alteration of work may lead to loss of marks.
2. Any handwriting that cannot be easily read may lead to

Loss of marks.

1. Do **not** fill anything in the boxes indicated for Examiner’s

**Use only.**

***TURN OVER***

**SECTION A (40MARKS)**

1. **Work out:2**
2. **Simplify:-10-7**
3. **Write in figure “nineteen thousand, six”.**
4. **Given that P={vowel letters} and Q={a,b,c,d,e,f}**

**Find n.**

1. **Solve; K-5 = 3 [finite 7]**
2. **Express as a decimal.**
3. **Solve; 4y-7=21.**
4. **Increase 600marks in the ratio of 9:5.**
5. **Express 8300 in scientific notation.**
6. **Nine boys take 10days to dig a garden. How many more boys are needed to dig the garden in only 6day working at the same rate?**
7. **Shade the complement of [M in the Venn diagram below.**

**M**

**N**

1. **Solve; + 5 = 10**
2. **Find the Lowest common multiple of 12 and 18.**
3. **A boy slept at 11:20 pm and woke up at 2:50 am the next day .For how long did the baby sleep?**
4. **Solve; 8 – 5y -7**
5. **Construct a regular hexagon where radius is 3.5 cm.**
6. **Find the size of the angle marked x.**

55

X

1. **Find the area of the figure below.**

**6CM**

**9CM**

1. **On the space provided below, construct an angle of.**

**SECTION B [60 MARKS]**

1. **a) simplify;**

**b) Covert 0.2323…....in to a common fraction.**

**c) Express 20minute as ratio of 1 hour.**

1. **In class of 30 pupils, 18pupils like music (m), 21pupilis like Art (A).if x pupils like both music and ART, draw a Venn diagram to represent this information.**
2. **find the value of x;**
3. **What is the probability of choosing a pupils who like Art only.**
4. **a) Change 21 ten to base two.**

**i) Put these number on the abacus.**

**213five**

**ii) What is the place value of the underlined digit?**

**2 3 2 five**

1. **Find the area of the following figures?**

8cm

**X** cm

**y cm**

**11cm**

**7cm**

**15cm**

1. **Find the value of x**
2. **Find the area of the figure.**
3. **Find the perimeter of the shape**
4. **a) The sum of 3 consecutive counting numbers is 39. Find the number.**
5. **What is the sum of the 3nd and the 8th prime number?**
6. **Write 364 in power of ten**
7. **The pie chart below shows the number of pupils who passed different subjects in ANWAR baby school in 2023.There were 80 pupils in the p.7 class.**

**20% SST**

20% **MTC**

**CRE** 35%

**X**

15% **SCI**

1. **Find the value of x.**
2. **How many pupils passed M.T.C?**
3. **How many more pupils passed SST than CRE?**
4. **What fraction of the class who pass C.R.E?**
5. **Empress the portion for SST in degrees.**
6. **A teacher went shopping and bought the following items as show.**

|  |  |  |  |
| --- | --- | --- | --- |
| **item** | **quantity** | **unity** | **total** |
| **meat** | **½ kg** | **Shs. 2500@** | **-------------** |
| **rice** | **4kg** | **Shs 2500per half kg** | **-------------** |
| **bread** | **2 loaves** | **-------------** | **Shs.7200** |
| **Tea leaves** | **kg** | **Shs.1600@** | **------------** |
| **sugar** | **------------** | **Shs1,500@** | **Shs20,000** |
|  |  | **TOTAL** | **Shs----------** |

1. **Complete the table.**
2. **If she had 50,000.How much did she remain with after buying all the items?**
3. **a) Add;-4+-3.usinganumber line**

**b) A lady was born in 17BC and died in 35 AD. How old was she when she died?**

1. **find the value of x**

**3(x-2) =1(finite 5)**

1. **a) Work out:**

**b) Simplify:**

1. **Find the solution set for:**
2. **On a wedding reception, good number of samosa were bought, but if the y serve 5 samosas at ago, 4remain, if the serve 9 samosas at ago, 6 samosas remain and when they serve 8 samosas at ago, 2 remain how many samosas were to be served?**

|  |  |
| --- | --- |
| Study the number line below and answer the questions that follow; | |
| a) Write down the integers represented by letters: (3mks)  i) a  ii) b  iii) c | b) Write the mathematical statement shown on the above number line.  (1mk) |
| 32. In a mathematics test given to a class, the marks scored, frequency and total marks scored are shown in the table below.   |  |  |  | | --- | --- | --- | | **Marks scored** | **Frequency** | **Total Marks** | | 54 | 3 | 162 | | 64 | 2 | ……………….. | | …………………… | 3 | 210 | | 85 | ………………. | 340 |   a) Complete the above table. (3mks) | |

**End by Julius *0771616220* happy Ramadan**