**ST ALEX KIROWOOZA PRIMARY SCHOOL**

**PRE-PLE SPECIAL PAPER II 2022**

**MATHEMATICS FOR PRIMARY SEVEN**

***TIME: 2 hrs***

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| **Index Number** | | | | | | **Personal Number** | | |
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**NAME: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**SIGNATURE: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**SECTION A(40 MARKS)**

|  |  |  |  |
| --- | --- | --- | --- |
| **1** | **Workout: 1 4**  **- 3** | **2** | **Write 62.256 in words** |
| **3** | **Simplify +** | **4** | **Given that K = {1,2,3,4,5} and**  **L = {2,3,5,7}**  **Find K∩L.** |
| **5** | **What is the place value of 3 in 231five** | **6** | **Simplify x + 4x + 3x.** |
| **7** | **Express XLIX in Roman numerals** | **8** | **Change 2kg to grams.** |
| **9** | **Find the next number in the sequence;**  **3, 4, 6, 7, 9, \_\_\_\_\_\_\_, \_\_\_\_\_\_\_\_.** | **10** | **List all the factors of 8.** |
| **11** | **The cost of a cake is sh 500, How much do 3 similar cakes cost?** | **12** | **In the diagram below, find the total distance around it.**  ***TURN OVER*** |
| **13** | **Draw a cylinder in the space provided below.** | **14** | **Find the number represented by the tally marks.** |
| **15** | **Alex bought a vest at sh 8000 and he later sold it to Fahad at sh 6500. What was his loss?** | **16** | **What number has been expanded to give 4000 + 300 + 8?** |
| **17** | **What special name is given to the pair of lines below?**  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | **18** | **What fraction is un shaded?** |
| **19** | **Write as an improper fraction** | **20** | **What is the product of 40 and 8?** |
|  | **SECTION B (60 MARKS)** | | |
| **21** | **Use the figure below to answer questions that follow.**  **(a) How many faces does it have?**  **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**  **(b) It has \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ edges**    **(c) Name part x \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**  **6cm**  **(d) Calculate its volume.** | | |
| **22** | **Use the ven diagram below to answer the questions that follow.**   1. **Write down the members of:** 2. **R = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_** 3. **S – R = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_** 4. **R U S = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**   **(b) What is n(R∩S)** | | |
| **23** | **Given the numeral 5261.**  **(a) What is the place value of 2?**  **(b) What is the value of 6 tens?**  **(c) Expand 5261 using values.** | | |
| **24** | **(a) Express 5 as an improper fraction.**  **(b) Change to a mixed number.**  **(c) Write in words.** | | |
| **25** | **Workout the following.**  **(a) Hrs Minutes (b) Weeks days**  **6 40 2 5**  **- 2 55 + 3 6**  **(c) Change 5m to centimetres.** | | |
| **26** | **Find the value of m.**  **(a) (b)** | | |
| **27** | **Use <, = or > to complete the mathematical statements below.**  **(a) 2hours \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 100 minutes**  **(b) (10 ÷ 2 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ (7+1)**  **(c) (5 x 3) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ (5 + 5 + 5)**  **(d) IX \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ XI**  **(e) ½ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ ¼** | | |
| **28** | **Study the circle below and answer the questions about it carefully.**   1. **Name these lines.** 2. **AB \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_** 3. **OR \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_** 4. **CD \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**   **(b) Given that AB = 10cm, find length OR** | | |
| **29** | **(a) A taxi charges sh 15000 per person from Masaka to Kampala and sh 5000 a laggage. If Mr. Kasule, his wife and their two University student want to travel from Masaka to Kampala and their Laggages. How much will they pay altogether?**  **(b) On Okello’s farm, there are 648 animals. 271 of them are cows and the rest are bulls. How many bulls are on the farm?** | | |
| **30** | **Study the calender below and answer the questions that follow.**  **FEBRUARY**   |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | | **SUN** | **MON** | **TUE** | **WED** | **THUR** | **FRI** | **SUN** | |  |  |  | **1** | **2** | **3** | **4** | | **5** | **6** | **7** | **8** | **9** | **10** | **11** | | **12** | **13** | **14** | **15** | **16** | **17** | **18** | | **19** | **20** | **21** | **22** | **23** | **24** | **25** | | **26** | **27** | **28** | **29** |  |  |  |   **(a) Which day is the 17th of this month?**  **(b) Kamara will visit his grand parents on the 4th of this month. Which date will 17 be?**  **(c) How many Fridays are in the above month?**  **(d) How many days does the month have?** | | |
| **31** | **(a) What is the L.C.M of 3 and 5?**  **(b) Name the types of numbers given. {0, 2, 4, 6, 8, 10}**  **(c) Show the number 3104 on the abacus below.**  **TH H T O** | | |
| **32** | **Using a pair of compasses, a ruler and a sharp pencil, construct a regular hexagon in a circle with radious 3cm.**  **END** | | |