END OF TERM 1 EXAMS

S.1 MATHAMATICS

TIME 1:45MINUTES

INSTRUCTIONS;

- Attempt all questions

1. Find the LCM and HCF of 30,56 and 70.
2. In a School hall, there are 14 rows of chairs, each row contain 22 chairs. Are there enough chairs for 305 pupils to sit on?
3. Work out;
   (a) $233_{eight} + 177_{eight}$
   (b) $146_{eight} + 71_{eight}$
4. Change 25_{lsix} to base 2.
5. Given that A{ 1,2,3,4,5} and B= {2,4,6} and C= {1,3,5,7}
   Find (i) AnB
   (ii) n(A)
   (iii) AuBuC
   (iv) AuC
6. In a group of students, all of them play football, volleyball or both. 19 play football but not volley ball, 16 play volley ball of whom 9 play both volley ball and Football. Draw a venn diagram to show this information and use it to calculate how many children there are in the group.
7. Mukasa and Musoke share shs 6,000.Mukasa gets 3/5 of the money
   (a) What fraction does Musoke set?
   (b) How much does musoke get?
8. Work out the following;
   (a) 27.3+41.9-2.72
   (b) 52-6.84+3.29
9. Xmange these fractions in an ascending order
   ⅚, ⅔, ¾ , ½ ,¼,⅔
10. Evaluate ;
    (a) ⅓ of (⅚- ¼ + + 12
    (b) ⅗,+ $\frac{1}{10}$x $1\frac{4}{9}$

-END-