HARRISON UWATA GIRLS HIGH SCHOOL

FORM TWO WEEKLY TEST 17 JAN.2015

BASIC MATHEMATICS

TIME: 1HOUR

INSTRUCTION:

- ➢ This paper consists of ten questions
- ➢ Attempt all questions
- ➢ Every question carries 10% mark

1. The total price of three daily news and two jitambue news papers is tshs.1900 while the total price of five daily news and three jitambue news papers is tshs.30000. Calculate the price for each news paper.
2. Find the y-intercept of the line joining the points (-5, 3) and (3, 2)
3. A man is four times as old as his son. In four years to come the product of their ages will be 520. Find the present age of the son.
4. The mathematics teacher of a certain school bought 124 pens to be distributed to 39 students who scored 'A' in a mathematics test. Estimate how many pens each student will get.
5. Rearrange the digits in the number 263 and state: (a) the highest possible number (b) the lowest possible number.
6. Azam biscuit factory packs biscuits in packets of 18, 48, or 60 biscuits each. What is the smallest number of biscuits that can be packed in any of these quantities without any biscuit being left over?
7. (a) calculate the capacity of a container that measures 2m by 1.5m by 1.2m.
   (b) A school lorry has a mass of 10t 500kg when loaded with beans. Find the mass of lorry if the mass of beans is 4t 900kg
8. Jane sold a fridge at shs.650000 which was 20% loss on what she had paid for the fridge. How much had she paid for the fridge?
9. Kieku has to share 80 books with his younger sisters upendo and okuli. He decided that for every 2 books that okuli gets, upendo gets 3 and he gets 5 books. Find the number of books each gets.
10. Nyaumwa invested a certain amount of money in a bank which pays interest rate of 6 percent after every six months. After 5 years his total savings were sh 9600,000. Determine the amount of money Nyaumwa invested initially.