**END OF TERM EXAMINIATION 2017**

**S.1 MATHEMATICS**

**Instructions:**

Attempt all questions in this paper

Silent non-programmable calculators may be used

**SECTION A (40 marks)**

1. Covert 5.272727………. to a fraction (4mks)
2. In a graph of 29 girls, 22 liked rice (R) and 18 liked matooko (M), all girls liked at least one of the foods. How many lied both? (4mks)
3. Simplify 31/8 + 12/3

2/3 + 5/12 (4mks)

1. Find the LCM ( Lowest Common multiple) of 54 and 84 (4mks)
2. If 17ten = 32x , find the value of x (4mks)
3. Write MMMDCCLXVIII in Hindu Arabic numerals (Numbers)(4mks)
4. It was -40 but the temperature went up by 60. What is the temperature now?

(4mks)

1. Workout 3x(20-(2 x 3)) (4mks)
2. If 3/8 of makupe’s salary is Shs 90,000. What is his salary? (4mks)
3. Fill the missing gaps in the sequence below

10, 18, 26, ……., 42, ……., ……. (4mks)

**SECTION B**

1. a lorry driver bought the following food stuff at a road side stalk

3 bunches of matooke al for Shs. 5300;

1 tin of Irish potatoes for Shs. 1700;

5 measures of ground nuts, each at Shs. 800;

3 pine apples at Shs. 300 each;

How much did the driver pay? (Show the working clearly) (6mks)

1. (a) Find the area of the shaded part

8cm

8cm

(b) Take = 3.14. Find the circumference and area of the circle with diameter 20m (12mks)

1. It is given that g=2 and h=7.

Evaluate:

1. g+8h-2
2. 11g-2h (12mks)

\***END**\*