

END OF TERM EXAMINATION 2017**S.1 MATHEMATICS****Instructions:**

Attempt all questions in this paper

Silent non-programmable calculators may be used

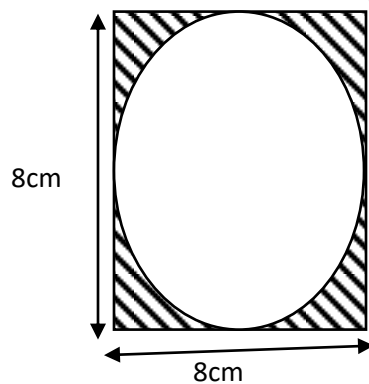
SECTION A (40 marks)

1. Covert $5.272727\dots$ 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 liked both? (4mks)
3. Simplify $\frac{3\frac{1}{8} + 1\frac{2}{3}}{\frac{2}{3} + \frac{5}{12}}$ (4mks)
4. Find the LCM (Lowest Common multiple) of 54 and 84 (4mks)
5. If $17_{\text{ten}} = 32_x$, find the value of x (4mks)
6. Write MMMDCCLXVIII in Hindu Arabic numerals (Numbers)(4mks)
7. It was -4^0 but the temperature went up by 6^0 . What is the temperature now? (4mks)
8. Workout $3x(20-(2 \times 3))$ (4mks)
9. If $\frac{3}{8}$ of makeupe's salary is Shs 90,000. What is his salary? (4mks)
10. Fill the missing gaps in the sequence below
10, 18, 26,, 42,, (4mks)

SECTION B

11. 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)

- 12.(a) Find the area of the shaded part



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

13. It is given that $g=2$ and $h=7$.

Evaluate:

a) $g+8h-2$

b) $11g-2h$

(12mks)

END