SECTION A: (20 MARKS)

1. Mwamburi got an interest of sh 693582 after investing some money. What is the sum of the total value of digit 5 and digit 9 in the number?
   A. 95000 B. 90500
   C. 10100 D. 9500
2. The following patterns show the results of number patterns created by some learners. Which one increases by one hundred only?
   A. 6200, 7200, 8200, 9200
   B. 5100, 5110, 5120, 5130
   C. 4040, 4140, 4240, 4340
   D. 3420, 4520, 5620, 6720
3. The temperatures of some towns were recorded as -8°c, 6.5°c, $24\frac{1}{2}$°c and $1\frac{3}{4}$°c. Which one of them is an integer?
   A. -8°C B. $1\frac{3}{4}$
   C. 6.5 D. $24\frac{1}{2}$
4. A teacher displayed a flash card with the expression 14 + 6 x 4 - 24 ÷ 4. What is the value of the expression?
   A. 74 B. 32
   C. 14 D. 3.5
5. Mwaba and Babu shared sh 6300 in the ratio of 3:2 respectively. How much more money did Mwaba get than Babu?
   A. sh 1260 B. sh 2520
   C. sh 3780 D. sh 4200
6. A fruit vendor made a profit of sh 10000 in one month. What is the number written in standard form?
   A. 1.0×10^4 B. 1.0×10^{-4}
   C. 1.0×10^5 D. 1.0×10^3
7. The mass of a sack was recorded as 0.01058 tonnes. How many significant figures are in the number?
   A. 6 B. 5
   C. 4 D. 3
8. A seedbed is in the shape of a square. The area of the seedbed is 56.39 m². Use a Mathematical table to determine the length of one side.
   A. 7.4833 B. 7.5033
   C. 7.4973 D. 7.5093
9. Jamil bought x mangoes and Musa bought y mangoes. Amina bought three more mangoes than Jamil. Which of the following expressions shows the total mangoes bought by the three people?
   A. 2x + y + 3 B. x + y + 3
   C. 4x + y D. 2y + x + 3
10. The number of tree seedlings planted by Kwach is represented by 12x + 18xy. Factorise the expression.
    A. 6x(2 + 3y) B. $30x^2y$
    C. 6(2x + 3y) D. 6x(5y)
11. The total number of animals in Ndeti's farm is represented by 2b(a+c) + ac. Evaluate the expression given that a = b = 3 and c = 2.
    A. 66 B. 36
    C. 30 D. 21
12. The radius of a circular field is 35 m. Musau ran round the field twice. What length did he cover?
    A. 70 m B. 110 m
    C. 220 m D. 440 m
13. A mason moulded a brick measuring 12 cm by 10 cm by 8 cm. What is the total surface area of the brick?
    A. 960 cm² B. 592 cm²
    C. 472 cm² D. 30 cm²
14. A builder constructed a ramp to take material to the top of a wall 3m high. The distance between the foot of the ramp and the foot of the wall is 4m. What is the length of the ramp?
    A. 12 m B. 7 m
    C. 5 m D. 1 m
15. The diameter of a cylindrical tin is 14 cm and the height is 20 cm. What is the volume of the tin in cubic centimetres?
    A. 3080 cm³ B. 1188 cm³
    C. 880 cm³ D. 10304 cm³
16. Belinda deposited sh 40000 in a bank that paid a simple interest rate of 9% per annum. How much money was in her account after 2 years?
    A. Sh 7200 B. Sh 43600
    C. Sh 47200 D. Sh 47524