UGANDA NATIONAL PRIVATE SCHOOLS EXAMINATIONS

MID TERM II EXAMINATIONS 2022

PRIMARY FIVE

MATHEMATICS

Time allowed 2hrs 30 minutes

Class No.

Name: _____ Stream: _____

School: _____

District Name: _____

DO NOT OPEN THIS BOOKLET UNTIL YOU ARE TOLD TO DO SO

Read the following instructions carefully:

1. This paper is made up of two Sections A and B.

2. Section A has 20 questions (40mks)

3. Section B has 12 questions (60 marks)

4. Answer ALL questions. All answers for both sections A and B must be written in the spaces provided.

5. All answers must be written using blue or black ball point pen or ink. Diagrams should be drawn using a pencil

6. Unnecessary alteration of work may lead to loss of marks.

7. Any handwriting that cannot easily be read may lead to loss of marks.

8. Do not fill anything in the boxes indicated for Examiners' use.

SECTION A (40Mks)
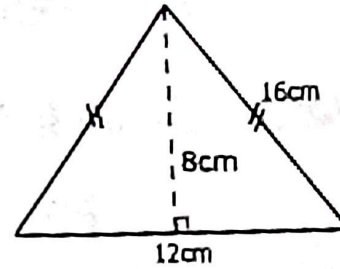
1. Subtract:

   $46 - 12 =$

2. Write the place value 3 in the 63047.

3. Work out: $\dfrac{3}{9} + \dfrac{2}{9}$

4. Given that set A {1, 3, 2}

   set B {p, o, t}.

   What is the relationship between set A and B.

5. Find the area of the triangle.

6. Work out: $10 - 17 + 9$

7. Find the Greatest Common Factor of 12 and 32.

8. Given that = 4 trees. Find how many trees are represented

9. Share 3648 sweets among 8 pupils.

10. Round off 159 to the nearest tens.

11. Name the figure below.

_____

12. Add: 9 4 7 2
       + 1 3 2 8
   _____

13. Find the next numbers in the sequence.

   32, 28, 24, 20, _____, _____

14. Use a protractor to draw an angle of 50°.

15. Fill in the missing number.

   $\boxed{} + 8 = 17$

16. List down all the factors of 12.

17. Given that a = 3, b = 2. Find the value of 2b ÷ a.

18. Use prime factorisation to find the square root of 36.

19. Multiply: 897 x 24

20. Write thirty four and seventy five hundredths in words.

SECTION B (60Mks)

21a) Convert 6 hours into minutes.
(02mks)

b) John is 3 years younger than Eva. Their total age is 15 years. Find Eva's age. (03mk)

22a) Given 234_{five}. What is the place value of 2 in that number. (02mk)

b) Change 234_{five} to base ten.

c) Work out: $4\ 1\ 2_{five}$ (02mks)

$+\ 1\ 3_{five}$

_____

_____

23a) What is $\frac{2}{5}$ of 30 litres. (03mks)
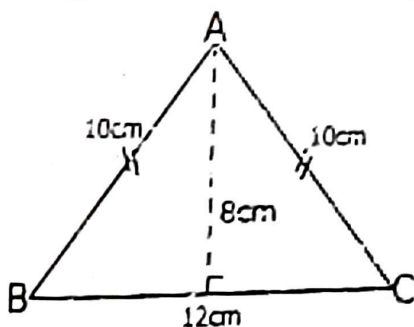
b) John filled of $\frac{1}{2}$ of a tank with water in the morning and $\frac{2}{5}$ in the afternoon. What fraction of the tank was filled? (02mks)

24. The figure below is a triangle ABC.

a) Find the perimeter of the figure. (02mks)
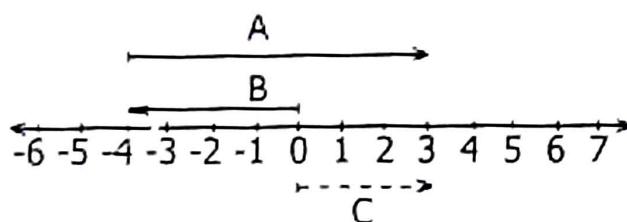
b) Work out its area. (02mks)

25a) Given the digits 7, 2 and 5. Form all the possible 3 - digit numbers that can be formed from the given digits. (02mks)

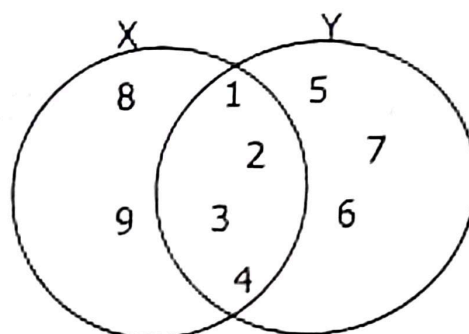b) Find the difference between the largest and smallest number formed. (02mks)

4

26. Use the number line below to answer questions that follow.

a) Write the integer represented by

A = _____

C = _____

B = _____

b) Write the mathematical sentence.

27. Using a pair of compasses, a ruler and a sharp pencil only, construct a square of side 5cm.   (04mks)

28. Given below are venn diagrams showing set X and Y. Use it to answer questions that follow.

a) List the member of X.   (01mk)

b) Find n (X∩Y)   (02mks)

c) What is X ∪ Y.   (02mks)

19. Given the numberal 806,058.

Expand the given numeral using place values. (02mks)

Write 806,058 in words. (02mks)

Work out the quotient of the place value of 6 and the value of 5 in the given numeral. (02mks)

30. Work out the following.

a) 9 x (9+3) (02mks)

b) 9 x 9 + 3 (02mks)

c) Change 4 metres to centimeters. (02mks)

6

PS MATHS

31a) Find the smallest number of sweets that can be shared by either 8 girls or 12 girls leaving a remainder 5 in each case. (02mks)

b) Write the number shown below in Roman numberals. (03mks)

32. John went to shop and bought the following items.

2kg of sugar at sh.3500 a kg

$1\frac{1}{2}$ litres of cooking oil at sh.9000

4 Bic pens at sh.500 each

3kg of beans at sh. 2500 per kg

a) Calculate his total expenditure. (04mks)

b) If he had sh.30,000, how much was his change? (02mks)

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