GLORY NURSERY AND PRIMARY SCHOOL
QUALITY CHECK EXAMINATION-2024
PRIMARY FIVE
MATHEMATICS

Time allowed: 2hours 30 minutes
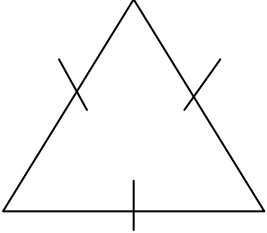
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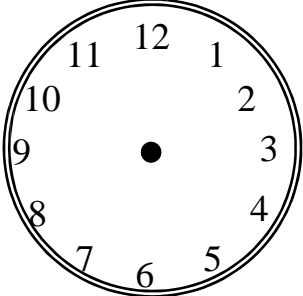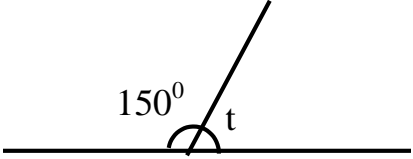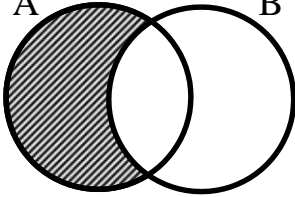
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Read the following instructions carefully:

1. This paper has two sections: A and B.
2. Section A has 20 questions (40 marks)
   Section B has 12 questions (60 marks)
3. Attempt all questions. All questions to both Sections A and B must be written in the spaces provided.
4. All answers must be written using a blue or black ball-point pen or ink. Only diagrams and graph work may be done in pencil.
5. Unnecessary alteration of work may lead to loss of marks.
   All diagrams must be drawn in pencil.
6. Any handwriting that cannot easily be read may lead to loss of marks.
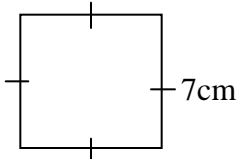7. Do not fill anything in the boxes indicated:
   "For Examiners' Use Only"

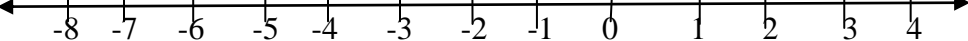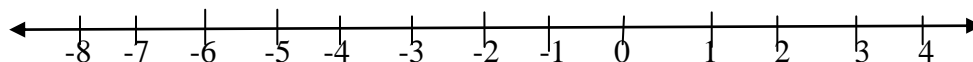| SECTION A: 40 MARKS			
1.	Workout: 3 x 4	2.	Expand 525 using powers of ten.
3.	How many lines of symmetry are in the figure below?	4.	Fill in the missing number. $\boxed{}$ - 3 = 6
5.	Change 5000grammes to kg.	6.	In the space below, draw a line AB of 6cm.
7.	Find the square of 3	8.	Write 25.2 in words.
9.	John bought a book at sh 2500. How much will John spend in 3 similar books?	10.	Given that set L = {prime numbers less than 20} find the number of elements in set L.

11.	Round off 5791 to the nearest hundreds.	12.	Write XLIV in Hindu Arabic numerals.
13.	The area of a rectangle is 32cm², If its length is 8cm. find its width.	14.	Jimmy had $\frac{1}{2}$ of his bread and ate $\frac{1}{4}$. What fraction of his bread did he remain with?
15.	Using the clock face below, show 20 minutes to 3 o'clock.	16.	Convert 14_{five} to base ten.
17.	Find the value of angle **t**.	18.	Find the GCF of 8 and 12.
19.	If represents 15cups, draw cups to represent 45cups.	20.	Describe the shaded part.

SECTION B: 60 MARKS	

21.	Use <, > or = to complete the sentences below. 1 mark@	
	0 x6 _____ 6 + 0 XL_____ LX	-3_____0 12 items _____1dozen

22.	How many months of the year start with letter "**J**" 1 mark	c) Amule covered 270km in 3 hours. Find the speed Amule used. 2 marks
b	Nakanaba walked 4 hours. How much time was it in minutes? 2 marks	

23.	The figure below is a square use it to answer questions that follow (a)If Kaneene moved twice around the shape. Find the total distance covered. 2 marks 7cm b) Calculate its area. 2 marks

24.	Given that x =2, Y = 3 and P = 5. Find the value of

(i)XYP 1 mark	(b)Solve for p: $p + 8 = 20$ 2 marks
ii) XY – P 2 marks	

25.	a)Use a number line to subtract $^{-}3 - 4$ 2 marks

b) The temperature of a certain liquid was found at 20°C and later it dropped by 7°C. What was the new temperature? 2 marks	c)What is the range of $^{-}4$ and $^{-}1$? 1 mark

26.	With aid of a pencil, a ruler and a pair of compasses only, construct a regular hexagon in a circle of radius 3cm. 4 marks

27.	The mother went with sh.50,000 and bought the following items.
	    2kg of meat at sh. 11,000per kg
	    1 bar of soap at sh.5,000
	    1 ½ kg of sugar at sh.4,200@kg.
	a) What is the cheapest item?
	1 mark
	
	b) Find the mother's total expenditure. 2 marks

28.	Given that set W = {all vowels}, T = {i,o,b,c,d} a) Represent set W and T on the Venn diagram below. W T 3 marks b) How many members are in set W? 2 marks

29.	Workout: (a) $10 + 15 \div 5$ 2 marks	b) Find the mean of 2 and 4 2 marks

c) Find the place value of 2 in the number 213_{five}

    2 marks

30.	a) Prime factorize 12 and 18 (write the answer in set notation) 2 marks	b) Represent the prime factors on the factor diagram below. 2 marks F_{12} F_{18}

31.	Arrange $\frac{2}{5}, \frac{1}{2}, \frac{3}{4}$ in ascending order.	2 marks

Reduce $\frac{4}{6}$ to its lowest form 2 marks	Find the reciprocal of $\frac{2}{3}$ 2 marks

32. The table below shows the marks scored by pupils in a mathematics test. Use it to answer questions that follow.

Marks scored	80	70	90	60
Number of pupils	2	3	1	4

a) How many pupils sat for the test? 2 marks	c) Calculate the mean 2 marks
b) Find the mode 2 marks	

END