THE CRANE EXAMINATION

LOWER CLASS WORK

MATHEMATICS

Time allowed: 2 Hours 30 Minutes

NAME:.....

SCHOOL:.....

DISTRICT:.....

READ THE FOLLOWING INSTRUCTIONS CAREFULLY:

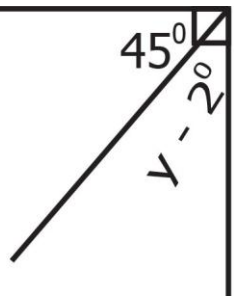
1. This paper is made up of **two** sections: **A** and **B**.
2. Section **A** has **20** questions (**40 Marks**).
3. Section **B** has **12** questions (**60 Marks**).
4. Attempt **all** questions in both section **A** and **B**. **All** answers to both sections **A** and **B** must be written in the spaces provided.
5. **All** answers **must** be written in **blue** or **black** ball point pen or **ink**. **Only** diagrams ad graph work must be done in pencil.
6. **Unnecessary** alteration of work will lead to **loss** of marks.
7. Any handwriting that cannot be easily read may lead to **loss** of marks.
8. Do not fill anything in the boxes indicated **" FOR EXAMINERS' USE ONLY".**

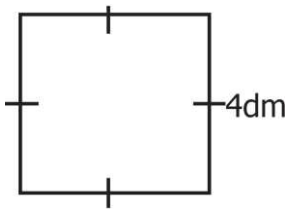
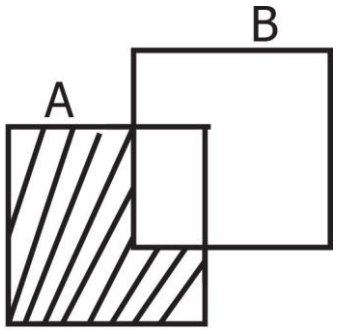
FOR EXAMINERS' USE ONLY		
PAGES	MARKS	INITIALS
PAGE 1		
PAGE 2		
PAGE 3		
PAGE 4		
PAGE 5		
PAGE 6		
PAGE 7		
PAGE 8		
TOTAL		

TURN OVER

SECTION A : 40 MARKS

Attempt **all** questions in this section. Questions **1** to **20** carry **two** marks **each**.

1.	Add: **2 4 6 + 2 8**	2.	Write **2,094** in words.
3.	Work out : **3 6**$_{\textbf{four}}$ **- 1 2**$_{\textbf{four}}$	4.	Find the value of **7** in the number **754**.
5.	Given that set W = {All even numbers less than 15}. Find n(W).	6.	In the diagram below, find the value of y. 
7.	Work out: $3\frac{1}{4} + 4\frac{1}{3}$	8.	Name the set symbol. { }

9.	Find the GCF of **12** and **16**.	10.	If  represents 6apples. Draw pictos to represent 42 trees.
11.	Round off **5937** to the nearest tens.	12.	Convert **2500gm** to kilograms.
13.	Find the area of the figure below. 	14.	Simplify: $^{-}5 - {}^{-}7$
15.	Find the cost of 4 similar pencils if one pencil cost sh. 1200.	16.	Find the number whose prime factors are $\{2_1, 2_2, 3_1, 3_2$
17.	James planted 479 trees on Monday and 685 trees on Tuesday. How many trees did he plant?	18.	Describe the shaded region. 

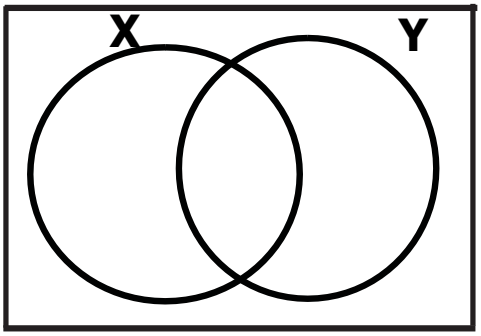
19.	Arsenal and Mancity obtained 76.05 points and 21 points respectively. How many more points did Arsenal get than Mancity?	20	Solve for x: **2x - 5 = 11**

SECTION B : 60 MARKS

Attempt **all** questions in this section.
Marks for each number are indicated in brackets.

21.	Find the place value of 4 in the number 23.430. (2mrks)		
(b)	Express 0.12 as a common fraction. (2mrks)	(c)	Add: 26.24 + 13.6 (2mrks)
22 (a)	Find the factors and prime factors of 72. factors (2Mrks)	(b)	prime factors (2Mrks)

23. (a) Given that set X= {a, b, c, d, e} and set Y={b, g, h, e, k, m
Represent the above information on the Venn diagram.



3Mrks)

(b) Find n(X - Y)

(2Mrks)

(c) n(XUY)

(2Mrks)

24. **Study the bill and use it to answer the questions that follow.**

Quantity	Amount
2kg of rice	sh. 7000
$\frac{1}{2}$ litre of cooking oil	sh. 3600
3kg of meat	sh. 27000
2kg of csssava flour	sh. 2000

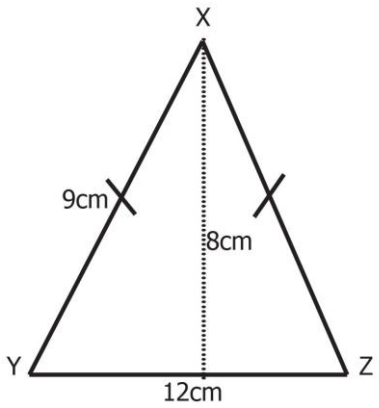
(a) How much money would Peter pay for 1kg of rice and 2kg of meat?

(2 Mrks)

(b) If Peter was given sh.60,000, find his change.

(4Mrks)

25. Study the figure below and use it to answer the questions that follow.



(a) Find the area of the figure. (3 mrks)

(b) Calculate the perimeter of the figure above.

(2 mrks)

26. (a) In the school of 240 learners, $\frac{3}{8}$ are boys and the rest are girls. Find the fraction of girls.

(1 mrk)

b. Calculate the number of boys in the class.

(2Mrks)

(c) How many more girls than boys are in the class?

(2Mrks)

27. Simplify: 5a + 2b - 3a + 4b

(2mrks)

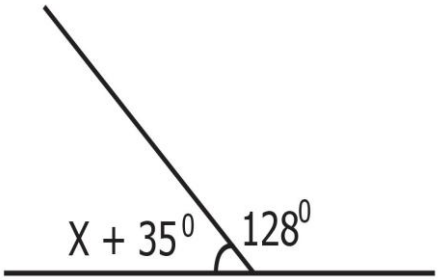
(b). 3x + 5y - x

6

(2mrks)

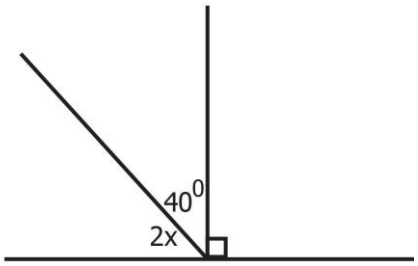
28. Find the value of x in the figure below.

(a)



(2 mrks)

(b)



(3 mrks)

29. Arrange $\frac{1}{3}$, $\frac{1}{2}$, $\frac{1}{6}$, in ascending order

(4 Mrks)

(b) Find the reciprocal of $\frac{3}{5}$ (1Mrk)

30. Expand 925 using values.

(2mrks)

(b) Given that $\mathbf{23_w = 19_{ten}}$. Find the value of **w**. (3mrks)

31. Using a pencil, a ruler and a pair of compasses only, construct a square of **5cm**.

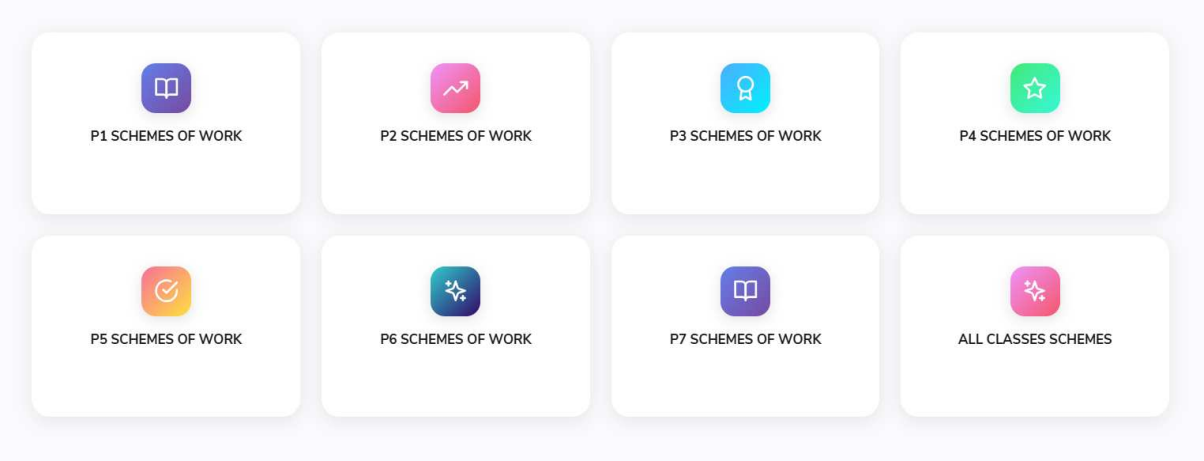
(5mrks)

32. Complete the given magic square.

y	w	7
x	6	k
5	z	3

8 (5Mrks) **END**

This document was downloaded from https://exoticnotes.com



Do you need more!

SCHEMES OF WORK for Primary (All Subjects)

Click
https://exoticnotes.com/schemes_of_work/primary/

For LESSON NOTES P.1 – P.7
Click
https://exoticnotes.com/notes/primary/

For Papers and Exams P.1 – P.7
Click
https://exoticnotes.com/papers/primary/

For Holiday Packages P.1 – P.7
Click
https://exoticnotes.com/holiday-work/primary/