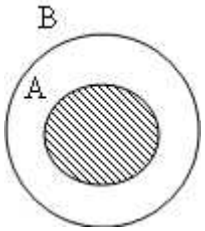
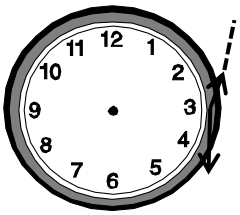
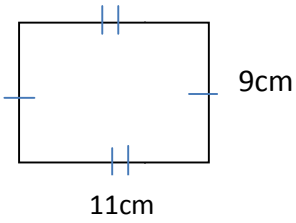
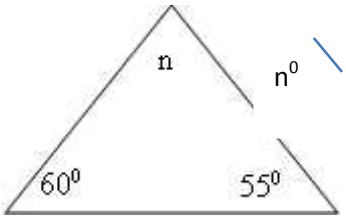
SECTION A

1.	Add 137 + 52	6	What is the relationship between set A and set B in the venn diagram below? 
2.	Find the missing number in the sequence below; 3, 5, 7, 9, 11, ……	7	Express 8 km as metres.
3.	Tell the time shown on the clock face below; 	8.	Find the missing number in the box $\frac{3}{4} = \frac{\square}{24}$
4.	What number has been expanded to give; $(4 \times 10^3) + (8 \times 10^2) + (5 \times 10^1) + (9 \times 10^0)$	9.	Calculate the perimeter of the shape given below 
5.	Solve: x + 7 = 13		

10	A packet of biscuit costs shs. 1200. Find the cost of 4 similar packets of biscuits.	14.	Given the following digits 6, 3 and 8. Find the sum of the smallest and the largest numeral formed using the above digits.
11	List down all factors of 24.	15	Change 180 minutes into hours.
12.	Express LXXV in Hindu Arabic numerals.	16.	Simplify; $\frac{1}{5} + \frac{2}{3}$
13.	Maria tossed a dice once. What was the probability that an even number showed up?		

17	Find the size of angle n in degrees.  	19.	Find the least (smallest) number which leaves no reminder when divided by both 5 and 9.
18	Apio scored the following marks in her monthly tests. 60, 45, 80, 55 and 60. Calculate her average mark.	20.	Work out 4 + 3 = ……..(finite 5)

SECTION B

21. Use < ,> or = to complete the statement below correctly.

i 2 weeks ……7 days (1 mark)

ii XXXIX ……..LXI (1 mark)

iii 500 gm …… ½ kg (1 mark)

iv ½ …… $\frac{1}{8}$ (1 mark)

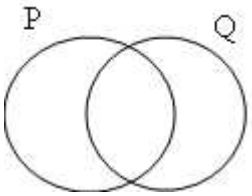
22. Round off 6372 to the nearest hundreds. (1 mark)

b) What single number has been expanded to give:

(3 x 1000) + (8 x 10) + (7 x 100) + (6 x 1) (2 mrks)

c) Find the value of 7 in the numeral 75,462. (1mrk)

23. Given that set P = {2, 3, 5, 7} and Set Q = {0, 2, 4, 6, 8}.
Represent set P and set Q on the venn diagram below (3 marks)



b) Find Q – P. (1mrk)

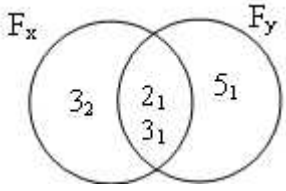
c) What is n(P ∪ Q). (2mrks)

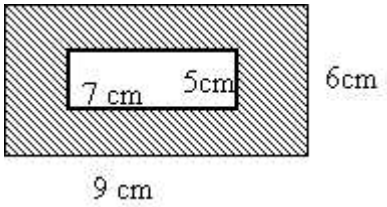
24. In a class of 30 pupils $\frac{2}{3}$ are boys and the rest are girls.

a) Find the number of boys. (2mrks)

b) What is the fraction of girls? (2mrk)

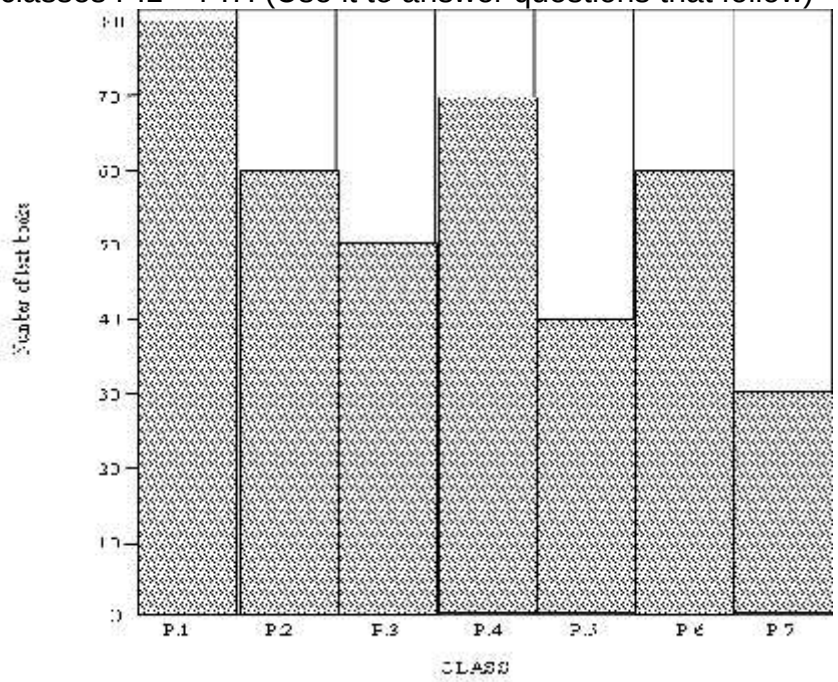
c) How many girls are in the class? (2mark)

25. a)	Find the sum of the first 3 multiples of 8. (2mks)	b)	Find the value of F_y. (1mrk)
b)	How many lines of folding symmetry has a square. (show them) (2mrks)	c)	What is the GCF of FX and F_y? (1mrk)
c)	Using a ruler and a pair of compasses only construct triangle ABC whose sides measure 4 cm each. (2mrks)	27.	Express 123five in base ten. (2mks)
26.	Study the venn diagram below and answer the questions that follow:- 	b)	Workout the square root of 16. (2mks)
a)	Find the value of F_X. (1mk)	c)	Given that set X = {0, 1, 2, 3}. How many sub sets are in set X? (2mrks)

28. a)	Work out: Hrs Min (2mrks) 3 45 + 4 20 Work out: Kg gm (2mrks) 15 350 - 9 750	c)	Calculate the area of the shaded part. (2mrks)
29. a)	Use the figure below to answer the questions that follow.  Find the area of the outer figure. (2mrks)	30 a)	Given that x = 4, y = 5 and W = 3. Find the value of xyw (2mrks)
b)	Find the area of the inner figure. (2mrks)	b)	Solve: 2m + 5 = 13. (2mrks)

31 a)	Jemimah went shopping with shs. 10,000 and bought the following items. 1 kg of sugar at Shs. 2500 per kg. 2 bars of soap at shs 1500 per bar 3 tubes of tooth paste at shs. 800 each. How much money did she spend altogether? (3mrks)	b)	How much change did Jemimah remain with? (2mrks)

32. The bar graph below shows the number of text books issued by the Headteacher to classes P.1 – P.7. (Use it to answer questions that follow)



i) How many text books were given to P.4 (1 mrk)

ii) Which two classes get the same number of books. (1mrk)

ii) Find the difference between the lowest and the highest number of books given? (2mrks)