	KENDRIYA VIDYALAYA,CHENNAI REGION, MADURAI CLUSTER		
	HALF YEARLY EXAMINATION 2017 (MODEL PAPER)		
	SUBJECT: MATHEMATICS		
	CLASS: V SEC:	TIME: 2 ½ HOURS	DATE:
NAME OF THE STUDENT:			ROLL NO:
Subject Teacher's Sign		Invigilator's Sign	
Maximum marks: 80		Marks obtained:	

GENERAL INSTRUCTION

- **All questions are compulsory**
- **The question paper contains 42 divided into three parts A, B, C**
- **Part – A contains 22 questions of 1mark each**
- **Part – B contains 14 questions of 2mark each**
- **Part – C contains 6 questions of 5 mark each**

PART – A

CHOOSE THE CORRECT ANSWER:

1) _____tens makes a crore.

    a) 1,00,000   b) 1,00,00,000   c) 1,000   d) 10,00,000

2) The largest 9 digit number ending with 7 is_____

    a) 77,77,777   b) 10,00,00,007   c) 99,99,99,999   d) 99,99,99,997

3) 35, 45, 55, _____, _____

    a) 95,75   b) 35,65   c) 65, 75   d) 25, 15

4) Example for an improper fraction is _____

    a) 25/26   b) 12/13   c) 15/14   d) 19/20

5) A ray _____

    a) extends endlessly in two directions   b) does not extend in any direction at all

    c) extends endlessly in only line direction   d) has two definite end points

6) Which of the following shows ¼ part shaded?

    a)   b)   c)   d)

7) If we divide the sum of 45 and 90 by their difference, the answer is _____

    a) neither prime nor composite   b) the least prime number

    c) the least odd prime number   d) the least composite number

8) In the word "OLYMPIAD" what fraction of words are vowels?

    a) 3/8   b) 1/8   c) 4/8   d) 2/8

FILL IN THE BLANKS:

9) The three prime numbers between 10 and 40 are _____, _____ and _____

10) The digit 7 in 9,34,17,652 shows _____ place value.

11) Mixed fraction for 9/2is _____

12) All fractions that has same value are called _____ fractions

13) A right angle measures _____

14) Numeral of eighty crore eighty lakh eighty one is_____

MATCH:

15) Ten million one thousand one   1

16) Number neither prime nor composite   10001001

17) Highest factor of any number   l x b sq.unit

18) Area of a Rectangle   number itself

19) When one is added to a given number we get   0

20) 0 divided by a number gives   successor

TICK TRUE OR FALSE:

21) The 12th multiple of 16 is 182   (TRUE/FALSE)

22) Numbers having only two factors are called prime numbers. (TRUE/FALSE)

PART – B

23)   a) Arrange the numbers in ascending order:

        463212; 7007007; 30604004; 754321

        _____

24)   a) Write two even multiples of 7   _____, _____

        b) Write two odd multiples of 9   _____, _____

25) Cost of 6 pens is ₹. 300. What is the cost of one pen?

26) Find the missing number:

1) 2   3   4   2)   8 ☐   4   5

    4 ☐   7   (+)   1   1 ☐   9   (-)
    _____   _____
    ☐   0   1   6   9   0   6
    _____   _____

27) Write the name of the angles formed by hands of the clock?

1)   _____   2)   _____

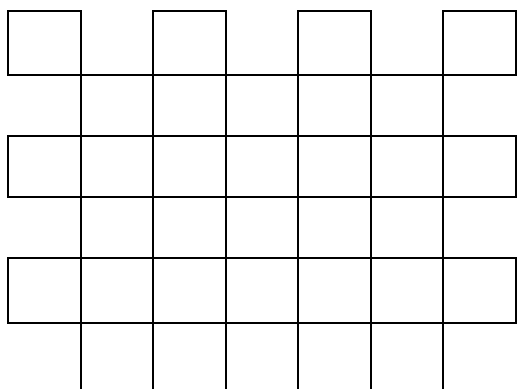28) For colouring 5/6 parts green, how many petals you will colour green? Colour it?
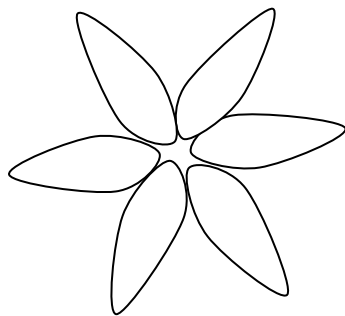
Ans: _____

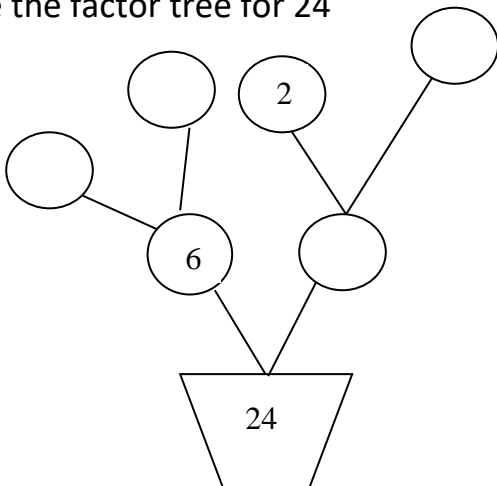29) Answer the following question using the given picture:
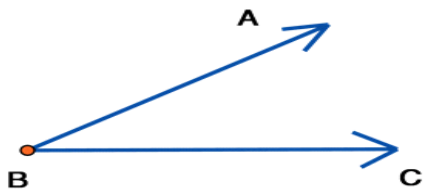
a) Name the common vertex   : ____   b) Name the arms: ____, ____

c) Name of the angle : _____

30) Find the perimeter of the shape:
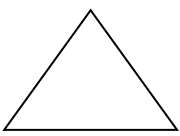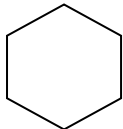

Ans:_____

31) Complete the factor tree for 24

32) Use (√) or (x) to show the divisibility of given number by factors.

Number	Divisible by	
	2	5
12		
30		

33) Round off the following numbers:

Number	Nearest ten	Nearest hundred
109		
2198		

34) Draw what the following shapes would look like on $\frac{1}{4}$ turn and half a turn.

Shapes	On $\frac{1}{4}$ turn	On half a turn
△		
⬡		

35) Construct an angle whose measure is half of a straight angle and write the name?
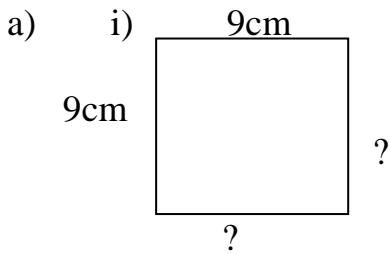
Name of the angle _____

36) A pie was divided into five parts. Nysa ate 1/5 of the pie. Tony ate 2/5 of the pie. Jenny ate 1/5 of the pie. How much pie is left?
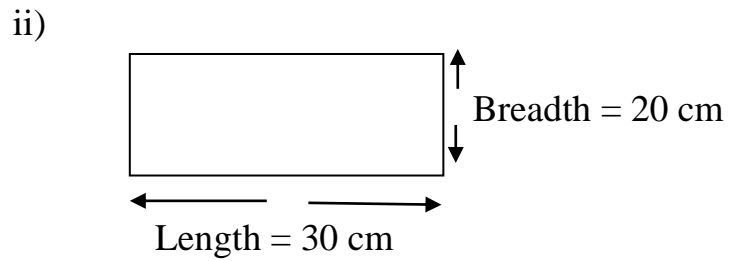
37) Find LCM and HCF of 12 and 24. Prove that the product of two numbers is equal to the product of their HCF and LCM?
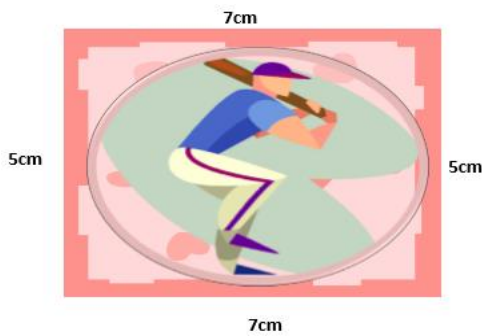
38) Find the perimeter and area of the following:

a)   i)   9cm   ii)

9cm ☐ ?

?

Perimeter = _____

Breadth = 20 cm

Length = 30 cm

Area   = _____

b) How much distance did Rajesh covers if he has taken 5 rounds around the playground?

7cm

5cm   5cm

7cm

Ans:_____

39) Find the cost of fencing a rectangular park of 120m length and 80m breadth at the rate of Rs.2 per metre

40) The rent of a house is Rs. 2, 40,000 for a year. What will be the rent for 9 months?

41) Look up the rate list to see the rate of junks in Kiran's Junkshop.

Rate List

Kind of Junk	Price of 1 kg
Waste paper	Rs. 4/-
Newspaper	Rs.5/-
Iron	Rs.12/-
Brass	Rs.170/-
Plastic	Rs.10/-

(i)   How much will Kiran pay for 32kg newspaper?

_____

(ii) Find the cost of 20kg Iron?

_____

(iii) How much Kiran pay for 15kg wastepaper?

_____

(iv) Find the total amount she gave to the junk collectors?

_____

(v) Is two times of plastic rate equal to the product of the Waste paper and Newspaper?

_____

42) a) Observe the patterns carefully and fill in the blanks:

1 x 1 = 1

2 x 2 = 1 +2 +1

__ x 3 = 1 + __ + 3 + 2 + 1

4 x 4 = 1 + 2 + 3 + __ + 3 + 2 + 1

__ x __ = 1 + 2 + __ + __ + __ + __ + __ + 2 + 1

b) By coloring create your own pattern: