Paper I and I Resource
FIRST TERM TEST - 2016

2 hours .

- 1) The length and the breadth of a rectangle is 120cm and 80 cm respectively.
- Onfind the value of 1.5 x 0.02.

6) Find the area.

- (b) write the value above (a) in scientific notation.
- (b) write the area in scientific notation
- 3 Round off 5.76 to
 (a) 13t decimal place

- (4) Find the first and the second terms of the number pattern which has the general term an-1.
- (b) closest whole number

(5) Which even number is 76?

- (6) Solve and write the answer in the simplest form:

 3 + 1 + 1
- (7) How much is 3 of Rs. 40?
- (8) find the perimeter of

8cm / locm .

- (9) If the perimeter of a square is 20cm,
- (10) Area of a square is 64 cm2.
- (a) find the length of a side.
- (b) find the area.
- (b) If the square is a side of a cube, find the total surface area of the cube.

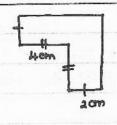
1) Simplify $\left(\frac{1}{2} - \frac{1}{4}\right) \div \frac{3}{8}$

(12) If x=2, y=-3 find the value of 2x-y.

- 3 An item bought at Rs. 200 is sold at Rs. 250.

 (a) Find the profit.
- (4) An item marked Ry. 500 is sold with a 4% discount. Find the selling price.
- (b) Find the profit percentage.
- (15) Simplify 18 x 50 000 x 2
- (is) If the annual interest rate is r, find an equation for the interest I for an amount of P for 1 year.
- for 12% interest rate for 19ear?
- (18) Simplify (a+x) (a+x)

(9) Find the perimeter of



(a) 8 of 5 simplify

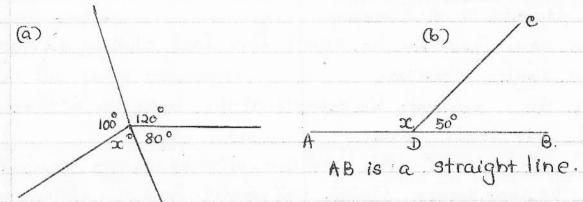
Paper II	26.03.2016	
	Maths Grade - 9.	
Of Prove that the general term of 7, 10, 13, 16,	is 3n+4.	(3 marks)
(ii) find the 17th term of this number pattern.	inn Paga	(3 marks)
(111) Which term is 67?	aming Resour	(3 marks)
(iv) Find the first 3 terms of the pattern of		(4 marks)
(2 fi) write the answer in the Simplest form		
$\left(\frac{3}{4} - \frac{2}{5}\right) \div 1\frac{3}{4}$	Kandana	(3 marks)
(ii) Aman spends 3 of his salary for food, 2	for clothing	and.
(ii) A man spends 3 of his salary for food, 3 for clothing and. 1 for travelling. Then the rest of the salary which is Rs. 1000,		
he deposits it at a bank.		
(ii) Turn the fractions he spent for food,	clothing and	travelling
as a single fraction.		(3marks)
(ii) Turn the amount he deposits at the bank as a fraction (2 marks)		
(in Find his total salary. (amarks)	THE UNIVERSAL PROPERTY OF THE PARTY OF THE P	
(3)(i) An electric Iron has its cost price at sold, the shop keeper Claims 10% profit. Fir (ii) An item bought at Rs. 400 is sold at R480.	Rs. 800. When ad the selling find the pr	oit is (3 marks) price. rofit (3 marks)
percentage.	a door kaan	
(iii) When a radio is sold at Rs. 4800, the shop keeper gets a profit of 20% What was the price the		
Shop keeper bought it at?		
(v) The marked price of an item is Rs. 28 or		
of selling, a 12% discount is offered. Wh		
price?	r	3 marks)
(4)(1) Nimal borrowed Rs. 7500 and paid back	Rs. 8200 an	લ
redeemed himself from the loan. What was		
paid?	(h works)
(ii) Prageeth deposits Rs. 80 000 at a bank which	ch pays 15%	interest
per year. What is the total amount Prageeth, gets at the		
end of 2 years?		it marks)
(iii) Rs. 2500 has to be paid for Rs. 12 50	o, as the	interest
for year. what is the interest rate?		(4 marks)

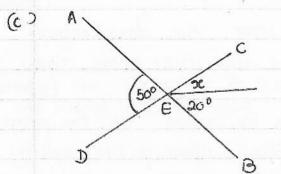
(5)(1) x = 2, y = (-3), find the value of the below

- (a) 3x +2y +5 (b) 5xy 2y
- (i) Simplify the expressions.

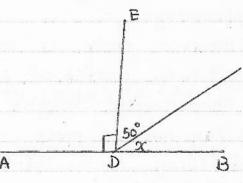
 - (a) (x+3)(x+1) (b) (x-2)(x-3)(c) (a+2)(a-5) (d) (a+3)(8-a) (2x6 = 12 marks)

(6) Find the value of & in each diagram.





AB and DC are straight lines.



AB is a straight line.

(3XH = 12 marks)