

The PRIME EXAMINATIONS 2023 P.7 PRE - PLE MAGIC SET III

MATHEMATICS

Time allowed 2 hours 30 minutes

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READ THE FOLLOWING INSTRUCTIONS CAREFULLY

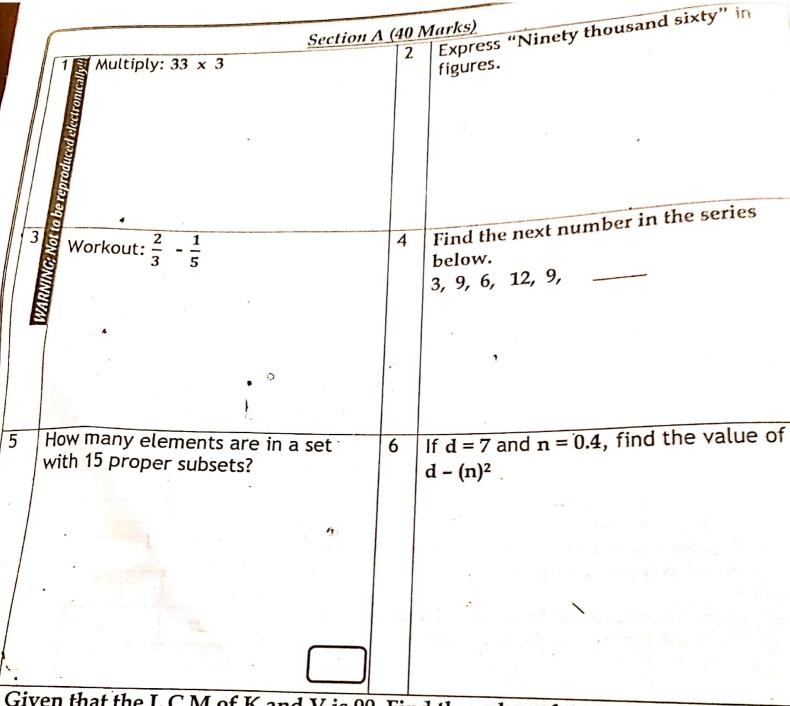
- Do not write your school or district name anywhere on this paper.
- This paper has two sections: A and B Section A has 20 questions and section B has 12 questions. The paper has 9 printed pages.
- Answer all questions. All the working for both sections. A and B must be shown in the spaces provided.
- All working must be done using a blue or black ball point pen or ink. Any work done in pencil other than graphs and diagrams will not be marked.
- No calculators are allowed in the examination room.
- Unnecessary changes in your work and handwriting that cannot easily be read may lead to loss of marks.
- . Do not fill anything in the table indicated "For Examiners' use only", and those boxes inside the question paper.

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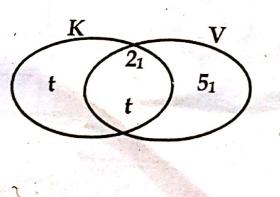
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n.e.	31 - 32		4 90	
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- 5	No. of the last of	_		A SECTION

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PRIME; SCHEMING FRAME WORKS, PUPILS' WORKBOOKS, LESSON COURSE BOOKS, HOLIDAY PACKAGES, LEARNING GAMES AND MORE...



Given that the L.C.M of K and V is 90. Find the value of t.



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-	9	Write (4 x 1000) + (6 x 100) + (1 x 10)	10	Solve: 1
		in short.	,	

Solve: 11 - 3n = 5

11 Workout: 2 ÷ 3 = ___ (mod.5)

A motorist covers 210km in 5 hours How long will he take to cover 336k

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THE WING NOT TO BE	Stuart is the 7th and the 11th from either sides of the line. How many boys were in the line?	16	Calculate the size of the angle between East and South West throughouth.
17	Convert 0.04 Hm to cm.	18	Find the value of 3 in 20307.
		Fig.	
19	Use the letter card below to find the probability of picking letter E at random. G E O M E T R Y		A wheel of radius 7cm made 18 revolutions. Calculate the distant covered.
100	© Prime Educational Consult 2023, TEL 2020		

(a) Solve the inequality 16 ≤ -4 (d - 1)

(03 marks)

(b) Simplify: 7f - 2 (3 - f)

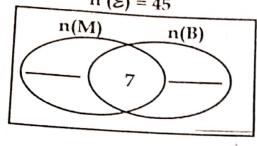
(02 marks)

(a) Using a pair of compasses, a ruler and a sharp pencil only, construct a square in a circle of radius 4cm. (04 mark

(b) Measure one of its sides.

(01)

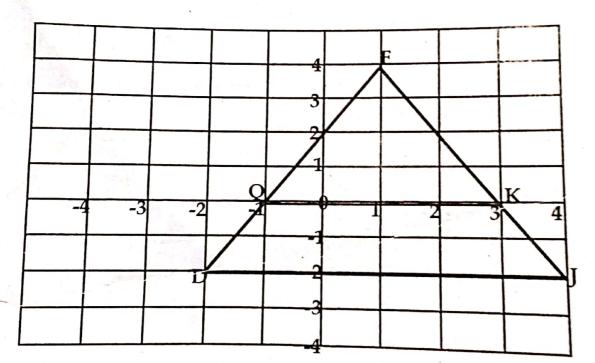
neither of to living the seat Meat (M), 21 eat Beans (B) only while 2d - 1 eat neither of two kinds of sauce. (03 marks) (a) Complete the Venn diagram below. $n(\mathcal{E}) = 45$ n(M)n(B)



(b) Find the value of d.

(02 marks)

Study the figure on the grid below and answer the questions that follow. 22



(a) Write the co-ordinates of points;		
(i) D:	(ii) K;	(04 m
		6 7 m

(ii) J: _ (iv) F:

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(b) Work out: 101 two (02 marks) + 111 two

a) Complete the shopping bill table below correctly. (03 marks) Item Total cost Quantity Unit cost Beans $1\frac{1}{2}$ kg Sh.9000 Sh. perkg Sugar 250gm Sh. Sh.5000 a kg Cooking oil Sh.5250 sackets Sh.1750

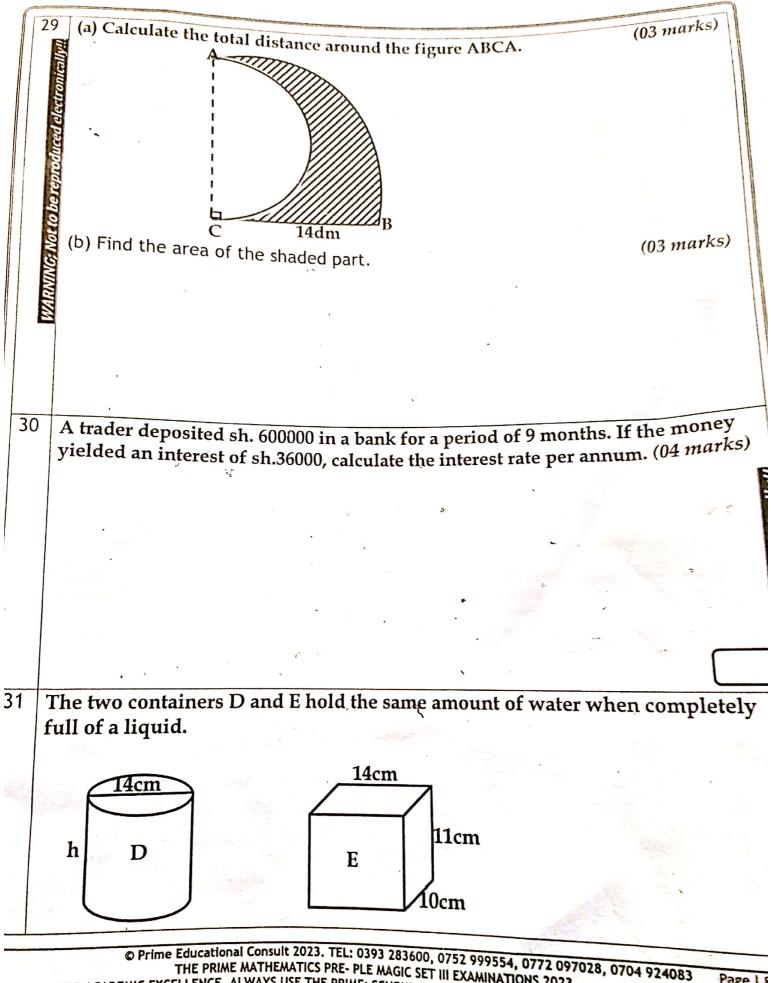
) How much would one pay for 20 sackets of cooking oil?

(02 mai

(05 marks)

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