

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

MATHEMATICS

Time allowed 2 hours 30 minutes

INDEX NO:	Random No.	Personal No.	DOWNLOAD THE PRIME LEARN AT	
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READ THE FOLLOWING INSTRUCTIONS CAREFULLY

- 1. Do not write your school or district name anywhere on this paper.
- 2. This paper has two sections: A and B Section Á has 20 questions and section B has 12 questions. The paper has 9 printed pages.
- 3. Answer all questions. All the working for both sections A and B must be shown in the spaces provided.
- 4. 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.
- 5. No calculators are allowed in the examination room.
- 6. Unnecessary changes in your work and handwriting that cannot easily be read may lead to loss of marks.
- 7. Do not fill anything in the table indicated "For Examiners' use only", and those boxes inside the question paper.

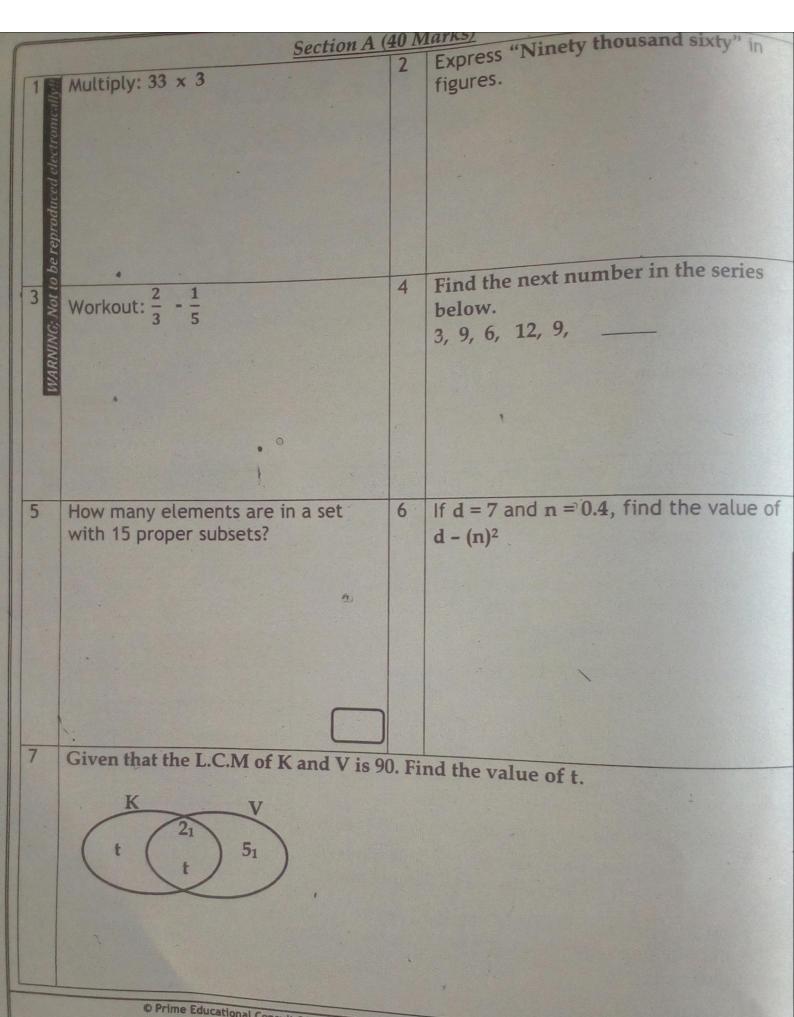
FOR EXAMINERS' USE ONLY							
QUESTION NUMBER	MARKS ATTAINED	INITIALS					
1 - 5							
6 - 10							
11 - 15							
16 - 20							
21 - 22							
23 - 24							
25 - 26							
27 - 28							
29 - 30		7					
31 - 32							
TOTAL							

APPROVED: Consultant

Mathematics Department (PEC)

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8	Using a sharp pencil, a ruler and a protractor only, draw an angle of 60°.				
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9	Write (4 x 1000) + (6 x 100) + (1 x 10) in short.	10	Solve: 11 - 3n = 5		
11	Workout: 2 ÷ 3 = (mod.5)	12	A motorist covers 210km in 5 hours. How long will he take to cover 336km		

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THE PRIME MATHEMATICS PRE- PLE MAGIC SET III EXAMINATIONS 2023. PTO
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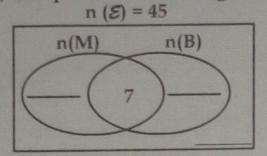
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ronicallyll	Express 08: 15am in 24 hour clock system.	14	An article's price was reduced by sh.12000. Natukunda paid sh.36000. Find the marked price of the article.
reproduced ele		10	Cut- anglo
THE BRING NOT to be	Stuart is the 7th and the 11th from either sides of the line. How many boys were in the line?	16	Calculate the size of the angle between East and South West through North.
17	Convert 0.04 Hm to cm.	18	Find the value of 3 in 20307.
19	Use the letter card below to find the probability of picking letter E at random. G E O M E T R Y	20	A wheel of radius 7cm made 18 revolutions. Calculate the distance it covered.
			WARRING

Section B (60 Marks)

- In a class of 45 pupils, 15 eat Meat (M), 21 eat Beans (B) only while 2d 1 eat neither of two kinds of sauce.
 - (a) Complete the Venn diagram below.

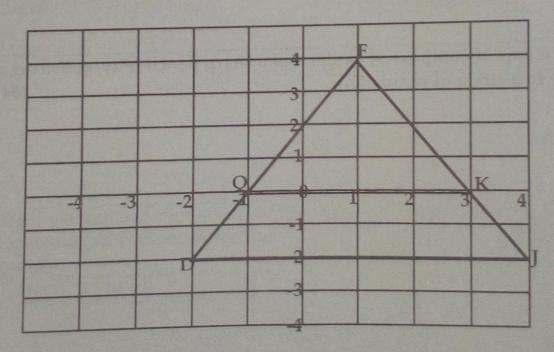
(03 marks)



(b) Find the value of d.

(02 marks)

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



(2)	Write	the	co-01	rdinates	of	points
101	AAIIFC	LILL	CO 0			

(04 marks (ii) K:

(i) D:_

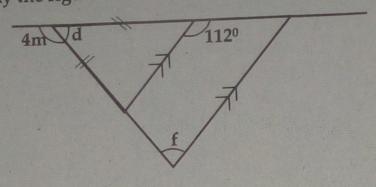
(ii) J: ____

(iv) F:___

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

(02 marks)

27 Study the figure below and find the value of unknown angles.



- (a) Find the size of angle;
- (i) d:

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(02 marks)

- (ii) f:
- (01 mark)

(iii) m

(02 marks)

A worker spent $\frac{1}{2}$ of his salary on rent, $\frac{1}{8}$ on food and 33 $\frac{1}{3}$ % of the remainder on clothing and banked sh. 40,000. Calculate his total salary. (05 marks)