



# THE PRIME EXAMINATIONS 2024

## P.4 END OF TERM II MATHEMATICS

Time allocated 2 hours 30 minutes



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### READ THE FOLLOWING INSTRUCTIONS CAREFULLY

1. This paper has **two** sections: A and B. Section A has 20 questions (40 Marks) and Section B has 12 questions. (60 Marks)
2. Answer **ALL** questions. All the working for both sections A and B must be shown in the spaces provided.
3. All working must be done using a **blue or black** ball point pen or ink. Any work done in pencil other than on graphs and diagrams will **not** be marked.
4. **No calculators** are allowed in the examination room.
5. Unnecessary changes in your work and handwriting that cannot be read easily may lead to **loss of marks**.
6. Do not fill anything in the table indicated

**"FOR EXAMINERS' USE ONLY"**

### PUBLISHERS OF:-

THE PRIME; SCHEMING FRAME WORKS, PUPIL'S WORKBOOKS, LESSON COURSE BOOKS, HOLIDAY PACKAGES  
LEARNING GAMES, REVISION BOOKS, PLE ANALYSIS REPORTS AND MANY MORE.

### 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		
31 - 32		
TOTAL		

APPROVED

*[Signature]*  
Consultant  
Mathematics Department (PEC)

Turn Over

Organised by: PRIME EDUCATIONAL CONSULT @2024

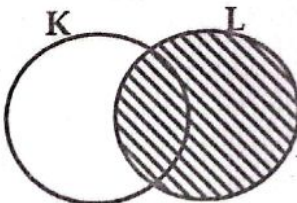
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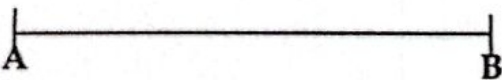
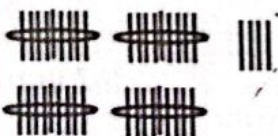

### Section A. (40 Marks)

Section A. (40 Marks)

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1	Subtract: $\frac{7}{10} - \frac{4}{10}$	2	Write 40,327 in words.										
3	Round off 694 to the nearest hundreds.	4	Describe the shaded region in the Venn diagram below. 										
5	Find the next number in the sequence. 7, 10, 13, 16, 19, _____, _____	6	Write XIX in Hindu-Arabic numerals.										
7	Change $\frac{22}{7}$ to a mixed number.	8	One book costs sh.2500. Find the cost of 4 similar books.										
9	In the space below, draw a cylinder.	10	Find the value of 7 in the number 67083.										
11	Work out: <div style="display: inline-block; vertical-align: middle;"> <table> <tr> <th>Wk</th> <th>Days</th> </tr> <tr> <td>10</td> <td>4</td> </tr> <tr> <td>+ 4</td> <td>2</td> </tr> <tr> <td colspan="2"><hr/></td> </tr> <tr> <td colspan="2"><hr/></td> </tr> </table> </div>	Wk	Days	10	4	+ 4	2	<hr/>		<hr/>		12	A parent bought 5 dozens of exercise books. How many books did the parent buy?
Wk	Days												
10	4												
+ 4	2												
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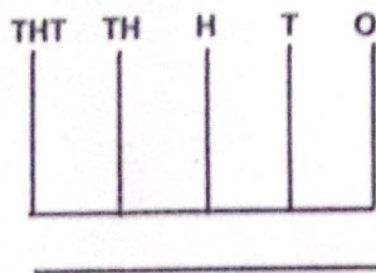
13	Fill in the missing number in the box. $\frac{2}{5} = \frac{\boxed{\phantom{00}}}{15}$	14	Expand 349 using place values.
15	Using a ruler, measure the line segment $\overline{AB}$ below. 	16	Work out: $328 - 47$
17	What number is represented by the bundles below? 	18	What fraction of the diagram is not shaded? 
19	Given that set $K = \{0, 2, 4, 6, 8, 10\}$ and $M = \{1, 2, 3, 4, 6, 12\}$ , list the common members of set K and M.	20	Change 6 hours to minutes.

**Section B (60 Marks)**

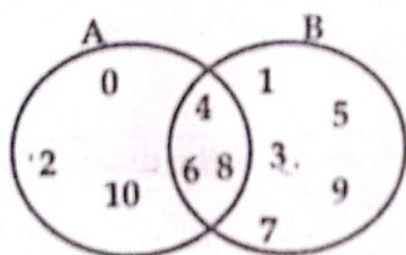
21	Given the number 76308. (a) Find the sum of the value of 6 and the value of 8. (03 marks)
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(02 marks)

(b) Show the number 32104 on the abacus below.



22 Study the Venn diagram below and answer the questions that follow.



(i) List members of B.

(02 marks)

(ii) How many members are in set A?

(02 marks)

(iii) Describe the elements in set A.

(02 marks)

23 Work out:

(a)  $\frac{3}{7} + \frac{2}{7}$

(01 mark)

(b)  $4\frac{3}{5} - 2\frac{1}{5}$

(02 marks)



(c) Change  $2\frac{2}{7}$  to an improper fraction.

(02 marks)

24 Fill in the missing numbers.

(02 marks each)

(a)  $9 + \square = 15$

(b)  $\square \times 4 = 12$

(c)  $\square - 10 = 22$

25 Use the price list below to answer the questions that follow.

1 pen costs sh.500

1 book costs sh.1500

1 bottle of soda costs sh.1000

1 apple costs sh.1200.

(a) Find the cost of 3 books.

(02 marks)

(b) Find the total cost of 2 pens and 3 apples.

(03 marks)

26 The digits below were used to form 3 - digit numbers; 6, 1, 8.

(a) Write down the smallest 3 - digit number formed.

(01 mark)

(b) Write the largest 3 - digit number that was formed.

(01 mark)

(c) Find the sum of the largest and the smallest numbers formed.

(02 marks)

27 Use  $>$ ,  $<$  or  $=$  to complete.

(01 mark each)

(a) XIX \_\_\_\_\_ 21

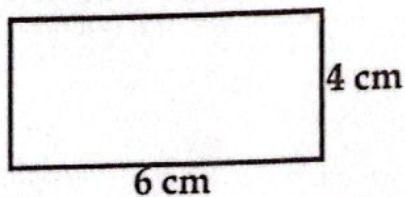
(b) 180 \_\_\_\_\_ 108

(c) 14 days \_\_\_\_\_ fortnight

(d) 2kg \_\_\_\_\_ 2000g

(e) 3 hours \_\_\_\_\_ 60 minutes

28 Study the rectangle below and answer the questions that follow.



(a) Find the area of the rectangle.

(02 marks)



(b) Find the total distance around the rectangle.

(02 marks)

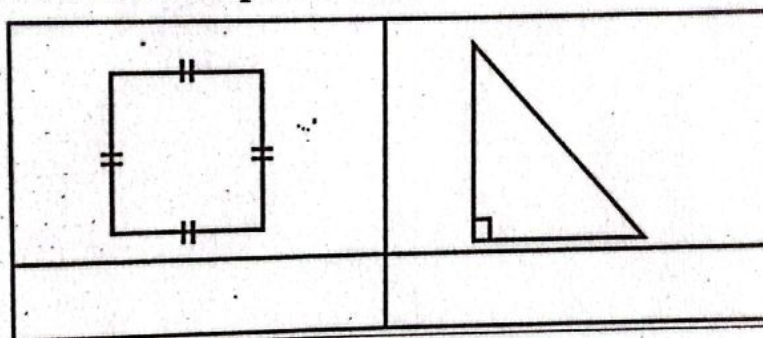
29 (a) Use a sharp pencil to draw the following shapes.

(01 mark each)

cone	cube	oval

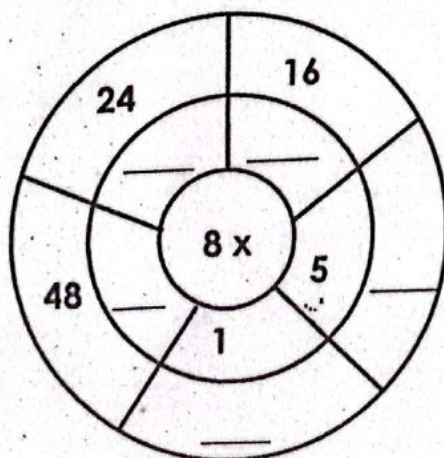
(b) Name the shapes below.

(01 mark each)



30 Find the missing numbers.

(05 marks)



31 (a) List down the first five odd numbers.

(01mark)

(b) Find the sum of the 4th counting number and the 7th counting number.

(02 marks)

(c) Find the missing number in the square.

(02 marks)

1, 4, 7, 10, \_\_\_\_\_

32 Write in short.

(a)  $4000 + 900 + 2$

(02 marks)

(b) Find the missing number.

(02 marks)

$8000 + \underline{\hspace{2cm}} + 7 = 8107$

(c) Write in figures; Seventeen thousand four hundred thirty-six.

(01 mark)