

**PROPER PREPARATION PREVENTS POOR PERFORMANCE ( PENTA)  
PENTA TANZANIA**



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**FIRST STANDARD SEVEN ASSESSMENT  
MATHEMATICS**

**darasahuru.co.tz**

**TIME: 1:00 HOURS**

**MARCH 2024**

**INSTRUCTIONS**

- 🕒 This paper consists of 35 questions in section A, B & C.
- 🕒 Answer all questions correctly.
- 🕒 Observe neatness of your work.
- 🕒 Remember to write your name correctly.
- 🕒 Follow the instruction of each section and that of each question.
- 🕒 If you want to change your answer, you must cut once the original answer then write the new one.
- 🕒 Use blue or black ink ball pointed pen to answer all questions.
- 🕒 Cellular phones are not allowed in the examination room.

**SECTION A: MATHEMATICAL OPERATIONS (10 MARKS)**

1	QUESTION	WORK	ANSWER
i.	$236 \times 47 =$		
ii.	$3.05 + 46.33 =$		
iii.	$0.867 \div 0.17 =$		
iv.	$78 + 17568 + 47 + 340 =$		
v.	$2^5/6 \div 4^1/4 =$		
vi.	$(-5 + -8)^2 =$		
vii.	$21 - 3 \div 1/6 + 7 =$		
viii.	$6^{1/3} - 2^2/5 =$		
ix.	$(8\text{km } 26\text{m}) \div 2$		
x.	$78.06 - 12.034 =$		

**SECTION B: WORD PROBLEMS (30 MARKS)**

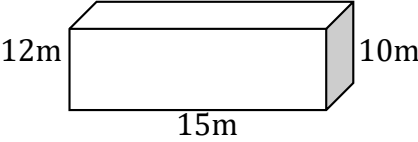
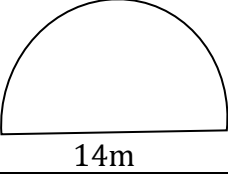
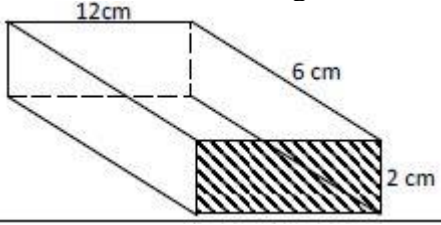
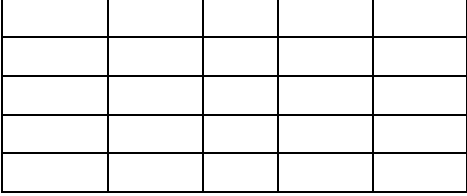
2.			
i.	Mr. Deus has 125,400 cattle. If you are assigned to write the given figure in words. What will be your answer?		
ii.	Mathew did mathematics interview to join class VI. If one of the questions was to find the square root 4096. What was the answer?		
iii.	The principle of Mandela Academy needs to buy preparatory mathematics textbooks for his 120 pupils. If one textbook is sold at sh. 6500. How much money does the principle need to buy the books for all his pupils?		
iv.	Juma has a bottle which contains $5^2/5$ liters of water. If he shared to some other bottles with capacity of $1^1/2$ liters each. How many bottles were there?		

v.	A tailor had a piece of garment measures 5.05 meters. If he wanted to make a dress that needed 9.7 meters. How many meters were missed?		
vi.	A standard VII pupil was able to write "eighty-six thousand two hundred and forty-one". Which figure did she write?		
3.			
i.	The pupils formed four groups and assigned by their teacher to write $4+30000+600$ in short form. If group number two was the one who scored it, What the right answer?		
ii.	Tanzania is the first country to get its independence. Write the year for independence in roman number.		
iii.	What is the place value of the digit 4 in 345.87?		
4.			
i.	The number of cows in Ilonge district was 60781 if 2067 were slaughtered. How many cows remained?		
ii.	A book has 2176 words. If the book has 32 pages, how many words are there per page?		
iii.	A bucket had some milk. If a goat poured $3\frac{2}{5}$ liters from it and a cow poured the remained liters which was $1\frac{4}{9}$ . What was the amount of milk in the bucket?		
5.			
i.	A pupil had a bottle with $2\frac{2}{3}$ liters if her friend drunk $\frac{5}{6}$ liter. What amount of water remained?		
ii.	What is the product of 1.54 and 2.6?		
iii.	A class seven pupil was asked to mention all leap years from 2010 to 2020. What years did she list?		
6.			
i.	A driver carried a load which measured 5 tones. Change it into kilograms.		
ii.	An interview test took 45 minutes only. How many seconds are		

	equivalent to the given minutes above?		
iii.	Which number is the even number and also a prime number?		

**SECTION C**

**SECTION C: PICTORIAL INTERPRETATION (10 MARKS)**

<b>7.</b>			
i.	<p>What is the surface area of the figure below?</p> 		
ii.	<p>The plot below shows some planted crops for future learning materials. Carefully observe it and find the area.</p> 		
iii.	<p>The figure below is painted on one side as shown below. What percentage is the painted to the surface of the whole figure?</p> 		
<b>8.</b>			
i.	<p>The graph below shows Mendo's height from 2015 to 2019. Carefully study it and answer the questions that follow.</p>  <p align="center"><b>2015      2016      2017      2018      2019</b> <b>YEARS</b></p> <p>How many centimeters did he have in the year 2018?</p>		
ii.	<p>From the question i. above. Find the average height of Mendo in the first three years.</p>		