



VICTORY STEP EDUCATION SERVICES
PRE – REGISTRATION SUPER CHECK THREE
PRIMARY SEVEN
2023
MATHEMATICS

Time Allowed: 2 hours 15 minutes

Random No:	Personal No:
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Candidate's Name:

Candidate's signature:

District ID No:

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School Name:

Read the following instructions carefully :

1. Do not forget to write your **school** or **district** on the paper
2. This paper has two sections: **A** and **B**.
Section **A** has **20** questions and section **B** has **12** questions.
3. Answer **all** questions. All answers to both Sections **A** and **B** must be written in the spaces provided.
4. All answers must be written using a **blue** Or **black** ball point pen or ink. Any work Written in pencil will not be marked.
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 EXAMINER'S USE ONLY"

FOR EXAMINER'S USE ONLY		
QN. NO.	MARKS	EXR'S NO.
1 -5		
6 - 10		
11 - 15		
16 - 20		
21 - 22		
23 - 24		
25 - 26		
27 - 28		
29 - 30		
31 - 32		
TOTAL		

SECTION A(40MAKRKS)

All answers in this section carry four marks each.

1. Work out: $374 + 213$

2. Write in figures : Two hundred one thousand forty nine.

3. Solve for m: $9m + 2 = 29$

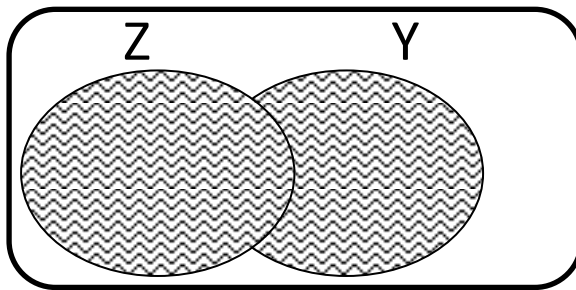
4. James sold 60 cows and this was $\frac{4}{9}$ of the total number of animals. Find the total number of animals James had at first.

5. The three classes in a certain school have three streams each. Each stream has 10 desks . Five pupils sit on one desk each of the streams. How many pupils are in that stream?

6. Expand 1011_{two} using powers of 2

7. Basudde died in 1997. Write the year he died in Roman numerals.

8. Describe the shaded region.



9. Round off 5436 to the nearest hundreds

10. Find the average of 10 , 8 , 12 and 18

11. Achan went to school at 7:00am and went back at 4:00 pm. How long was she at school?

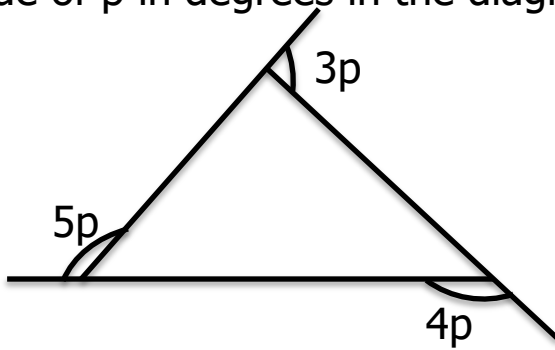
12. The length of our courtyard is 0.7m. What is the length of our courtyard in centimetres?

13. Using a ruler, a sharp pencil and a pair of compasses construct an angle of 45°

14. Increase Shs.12000 by $\frac{1}{2}$ of it.

15. Find the square root of $3\frac{1}{16}$

16. Find the value of p in degrees in the diagram.



17. Find the number which has been expanded below.

$$(3 \times 10^2) + (5 \times 10^{-2})$$

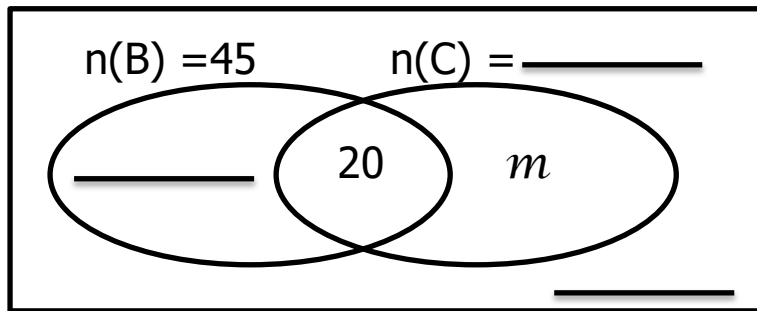
18. If $x = 5$ and $y = -3$, find the value of $3x - (y + 2x)$

19. A water tank has a square base of 8cm and holds water of volume 960cm^3 when full. What is the height of the tank?

20. The bursar issued out receipts numbered consecutively from 0568 to 0617
How many receipts were issued out by the bursar?

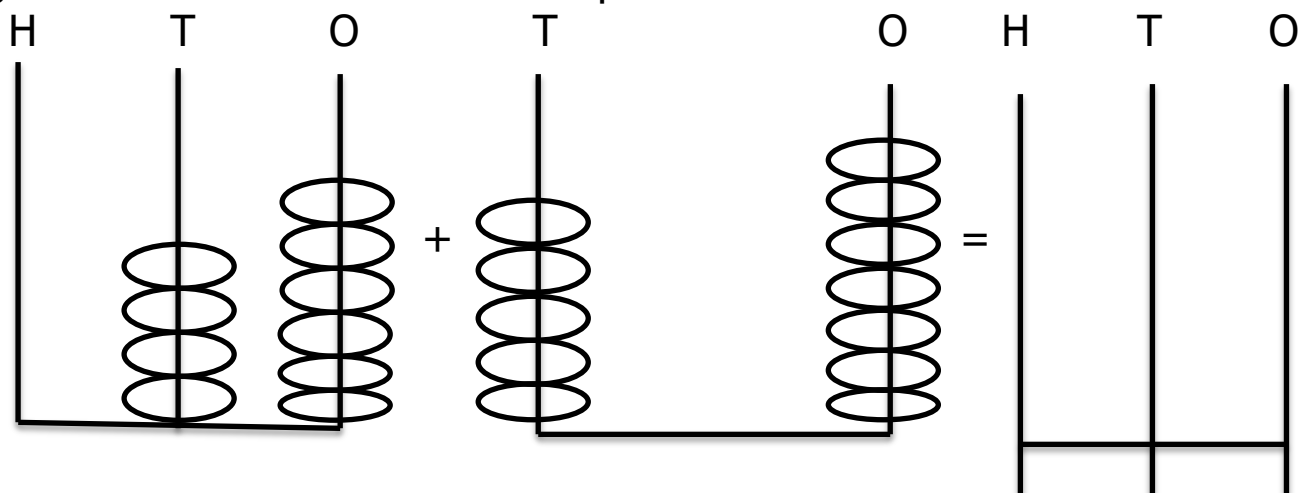
SECTION B(60MARKS)

21. At a birthday party attended by 84 guests, 45 were served with beef(B) and 20 were served with chicken(C). m guests were served with chicken only while $(m - 7)$ were not served with any of the two dishes. Use the given information to complete the venn diagram.



- b) Find the number of guests who were served with chicken.

22. The diagrams below represents two numbers on the abacus. Study the diagrams and use them to answer questions that follow.



a) Write the number represented on the abacus in the addition.

b) Work out the addition and represent your answer on the third abacus.

23a) Express 0.666 as a simplified common fraction.

b) Simplify: $0.3 - 0.5 + 0.4$

24. Baguma picked 111 oranges in three days. In a day , he picked 2 oranges more than the previous day. How many oranges did he pick on the third day?

b) Given that the cost of each orange is Sh.1000 . How much money did she get after selling all the mangoes by the end of the second day?

25. Using a ruler , a pencil and a pair of compasses only. Construct a triangle ABC where $AB = 7\text{cm}$, $\angle ABC = 45^\circ$ and $\angle BAC = 60^\circ$.

b) Measure line BC

26. Ssenjonjo went to the super market and bought the following.

3kg of sugar at Sh. 3400 per kg

500ml of milk at Sh. 3600 per litre

24 oranges at Sh.800 for every 3 oranges

a) Find the total cost of all the above items.

b) If he paid Sh.21600 for all of the above items after a discount was offered. Work out the discount.

27. A school truck carrying firewood from the Game park covered 30% of its journey in $2\frac{1}{2}$ hours. The school truck traveled at a steady speed of 90km/hr. Find how far the school is from the game park.

28a) A teacher wants to fence which is in form of circular. The flower garden has a diameter of 14m. A teacher wants to use poles placed at intervals of 80cm. How many poles are needed to fence the flower garden?

b) If each pole costs Sh. 6000. How much will the teacher spend on all the poles?

29. The time table below shows how Catherine spent her time one Thursday. Use it to answer the questions that follow.

TIME	ACTIVITY
6: 30am – 10 : 00am	Digging
10: 30am - 1 : 00pm	Washing
2: 00pm - 3 : 45pm	Playing
5: 00pm - 7 : 30pm	Reading

a) How long did he take reading?

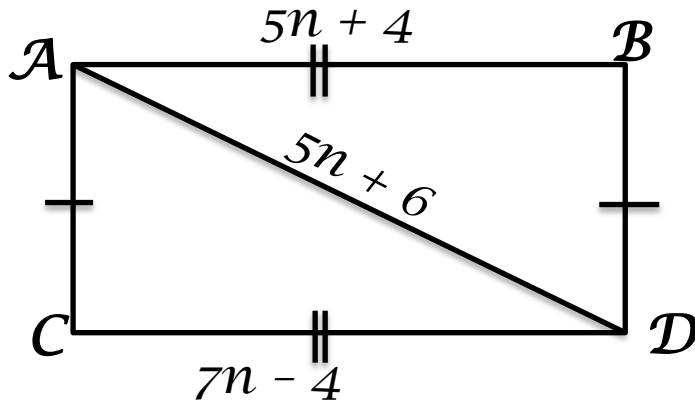
b) If she dug her cassava garden at a rate of 4 rows in every 40 minutes. Find the number of rows she dug at that day.

30a) What is the place value of the digit 3 in the number 304017?

b) Simplify: $2^7 \div 2^4$

c) Expand 789 using powers of 10.

31. The diagram below shows a rectangle **ABCD**. Use it to answer questions that follow.



a) Find the value n

b) Calculate its perimeter.

32. During the marking exercise of Pre – registration for UNEB 2022, an Examiner awarded 5 marks for every correct answer and subtracted 2 marks For every wrong answer. The paper had 20 questions.

a) Find the score for a pupil who got 17 correct answers.

b) A pupil got 60 marks , how many correct answers did the pupil get?