**STRIVE FOR EXCELLECE**

**PRIMARY SEVEN MATHEMATICS CHECK**

**TERM ONE CHECK 2025**

**Time allowed: 2hours 30 minutes**

**NAME**: ………………………………………………………**STREAM**…….…

**SCHOOL**…………………………………………………………………………

|  |  |  |
| --- | --- | --- |
| **SECTIONS** | **MARKS** | **COMM.** |
| **SEC A** |  |  |
| **SEC B** |  |  |
| **TOTAL** |  |  |

**Read the following instructions carefully**: **FOR EXAMINER’S USE ONLY**

1. This paper has two sections A and B.

Section A has 20 questions and section

B has 12 questions.

2. Answer all questions. All the working must be shown in the spaces provided.

3. All working must be done using a blue or black ball point pen or ink. Only drawings should be done in pencil.

4. Unnecessary changes in your work and handwriting may lead to loss of marks.

5. Do not fill anything in the table indicated

**Turn Over**

1. Workout: 16 + 7 6. Workout:

2. Given that set P = {b, o, y}. How many

subsets can be got from set P?

3. Simplify: **-**3 - -6

4. Round off 5641 to the nearest tens.

5. Convert **101two** to base ten.

7. Find the value of p in the figure below.

P

600 400

8. Solve: 3K + 6 = 18

9. Find the next number in the

Sequence below:

1, 3, 6, 10, 15, 21, \_\_\_\_\_\_\_\_\_

10. Find the area of the figure below.

13. Kigozi started a test at 8:10am

and finished at 10:25am. For how

long was the test?

10cm

12cm

12cm

11. If Nantale bought 8 books at sh.48,000. How much will 9 similar books cost?

12. A girl scored the following points

in a game: 4, 3, 4, 5 and 8. Find

the range of her points.

14. Using a ruler, pencil and a pair of

Compasses only construct 600.

15. The LCM of 18 and Y is 36 and their GCF is 6. Find the value of Y.

16. Write 7243 in words.

17. Change 450g to kg. 18. Use distributive property to work

(15×10) + (5×10)

19. A motorist covered a distance at a speed of 50km/hr. Calculate the time he

took to cover a distance of 150km.

20. Kintu deposited money in the bank numbered from QPR15455 to QPR15494.

How many notes did he deposit?

21. In a class of 50 pupils, 30 like Mathematics (M), 25 like English (E), 2 like

neither of the two and **m** pupils like both subjects.

a) Represent the above information on the Venn diagram below if 34 guests took

Coca cola. ***(3 marks)***

**n ( ) =\_\_\_\_\_\_**

**n (M) = n (E) =**

\_\_\_\_\_\_\_ **m**  \_\_\_\_\_\_\_

\_\_\_\_\_

b) Find the value of m.  ***(2 marks)***

c) What is the probability of selecting a pupil to be the class monitor and he/she

likes only one subject?  ***(1 mark)***

22. Given the numeral **48263;**

a) Write the place value of **4** in the numeral above. ***(1 mark)***

b) Find the sum of the value of **8** and c) Write 46 in Roman numerals.

the value of **6** in the number.

***(3 marks) (1 mark)***

23. a) Using a pencil, a ruler and a pair of compasses only construct a triangle

**ABC** where **AB = 6cm**, angle **ABC = 600** and angle **BAC = 45°.**

***(4 marks)***

b) Measure line **AC.  *(1 marks)***

**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

24. a) Workout: **4.5 × 2.4** ***(3marks)***

**1.5 × 1.2**

b) Express 0.6363…..as a common fraction.  ***(2 marks)***

25.a) Workout: **234five + 112five *(2 marks)***

b) Given that **22r = 15ten *(3marks)***

26.a) The sum of three consecutive even numbers is 24. Find the numbers.

***(3 marks)***

b) Workout their range.  ***(1 marks)***

27. John went to the market and bought the following items.

* **2kgs** of meat at **sh. 15000** per kg.
* **2 litres** of milk at **sh. 1800** per litre.
* of salt at **sh. 1000** per kg.
* **2 bars** of soap at **sh. 10000**.

a) Calculate his total expenditure. ***(4 marks)***

b) If he went with sh.50,0000. Calculate his change. ***(2 marks)***

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

**PFX PF30** a) Workout the value of; ***(2 marks)***

i) **X**

**22 21**

**31 Y**

**23**

b) Workout the LCM of X and 30 using the

Venn diagram.

ii) **Y *(2 marks)***

29 Mukalazi shared 4000 goats amongst his three daughters Josephine, Joan

and Jane in the ratio of 2:3:5. How many goats did each get? ***(3 marks)***

b) How many more goats did Jane get than Josephine? ***(2marks)***

30. Study the number line below and answer the questions about it.

**m**

**P**

**-4 -3 -2 -1 0 1 2 3 4 5 6 7**

**n**

a) Identify the integers represented by; ***(3 marks)***

i) **P =\_\_\_\_\_\_\_\_\_**

ii) **m =\_\_\_\_\_\_\_\_\_**

iii) **n =\_\_\_\_\_\_\_\_\_**

b) Write a mathematical statement for the above number line.  ***(2 marks)***

31. a) Simplify 4y - 3k – 2y + 4k

***(2marks)***

b) Given that **a = 2, b =3** and **c = 5**. Workout **(ac) + 2 *(3 marks)***

**C**

32. The table below shows the number of children immunized at Mbale Hospital

against measles

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Days | Mon | Tue | Wed | Thur | Fri | Sat | Sun |
| No. of children | 50 | 30 | 70 | 150 | 60 | 90 | 110 |

a) On which day was the highest number of children immunized? ***(1 marks)***

b) How many more children were immunized on Saturday than Wednesday?

***(2 marks)***

c) Calculate the average number of children immunized on a daily basis.

***(2 marks)***