**Mathematics - Grade 6 Exams Term 1 2023**

**QUESTIONS**

1. The population of a certain county is seven hundred and six thousand and eighty two. What is the number in symbols?
   1. 706 802
   2. 706 082
   3. 760 082
   4. 706 820
2. A milk processing plant received 6085047 litres of milk. What is the place value of digit 8 in the number?
   1. Thousands
   2. Hundreds
   3. Ten thousand
   4. Hundred
3. What is the total value of digit 5 in the number 7,508042?
   1. 5000
   2. 50000
   3. 5000000
   4. 500000
4. The population of six towns is 453619, 453691, 435916, 453916, 453819 and 435619   
   Arrange the numbers from the smallest to the largest.
   1. 453918, 4536891, 453619, 435916, 435691, 435619.
   2. 453916, 435916, 453891, 435691, 453619, 435619:
   3. 435619, 435 691, 435916, 453619, 453691,435916.
   4. 453619, 435619, 453691,435691, 453916, 435916.
5. Juma had Sh.35449 in his bank account. How much money to the nearest thousands did Juma have?
   1. Sh.35400
   2. Sh.35500
   3. Sh. 35000
   4. Sh. 35450
6. Maria bought 15kg 75g of rice. What was the mass of the rice bought in grams?
   1. 15075
   2. 15750
   3. 1575
   4. 15705
7. What is the place value of digit 3 in the number:- 807.4035?
   1. Tenths
   2. Thousandths
   3. Hundredths
   4. Thousands
8. Rehema bought ¾ kg of meat. She cooked ½ kg of the meat. How many kilograms remained?
   1. ¼ kg
   2. 5/4 kg
   3. 2/4 kg
   4. ½ kg
9. The following is a price list in a shop

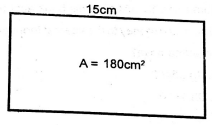
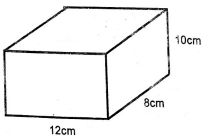
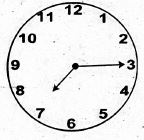
|  |  |
| --- | --- |
| Item | Price |
| A loaf of bread A pencil geometrical set 1kg of maize flour A bar of soap | Shs 60 Shs 25 Shs 280 Shs 190 Shs 140 |

Jane bought the following items

* 1. 6 pencils
  2. 5 loaves of bread
  3. 2 geometrical sets
  4. 3kg of maize flour  
     She gave a shopkeeper 2-shs 1000. How much did she receive as a balance?
     1. Shs 420
     2. Shs 1 505
     3. Shs 495
     4. Shs 1 580

1. A lorry carried 745 cartons of textbooks. Each carton had 24 textbooks. How many textbooks did the lorry carry altogether?
   1. 17880
   2. 17860
   3. 769
   4. 2960
2. What is 3672 divided by 12?
   1. 36
   2. 306
   3. 360
   4. 3006
3. During malaria outbreak, the government distributed 13 720 mosquito nets to 56 families. How many nets did each family get?
   1. 13 720
   2. 17 776
   3. 542
   4. 245
4. **Work out:-** 14 + 6 x 4 − 24 ÷ 4
   1. 14
   2. 3.5
   3. 74
   4. 32
5. Find the greatest number that can divide 48 and 60?
   1. 240
   2. 12
   3. 120
   4. 6
6. The table below shows the number of 3 fruits sold by a fruit vendor.

|  |  |
| --- | --- |
| **Type of fruit** | **Tally marks** |
| Mangoes | ~~llll~~ ~~llll~~ ~~llll~~ ~~llll~~ llll |
| Avocadoes | ~~llll~~ ~~llll~~ l~~lll~~ ll |
| Apples | ~~llll~~ ~~llll~~ ~~llll~~ ~~llll~~ l |
| Pineapples | ~~llll~~ ll |

1. How many more avocadoes than pineapples were sold?
   1. 10
   2. 7
   3. 17
   4. 24
2. Which of the numbers below is divisible by... 2,5 and 10?
   1. 40856
   2. 627830
   3. 732485
   4. 340689
3. Find the L.C.M of 18, 24 and 36
   1. 36
   2. 6
   3. 72
   4. 78
4. There were 648 205 registered voters in a certain county. During a by-election 76102 people did not vote. How many people voted?
   1. 724307
   2. 672103
   3. 532103
   4. 572103
5. What is the next number in the pattern below?  
   18, 20, 24, 32,\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
   1. 40
   2. 42
   3. 44
   4. 48
6. The area of the rectangular cardboard drawn below is 180cm2. Calculate its width.  
   
   1. 150cm
   2. 24cm
   3. 75cm
   4. 12cm
7. **Work out:-**   
   8. 2 − 3.675
   1. 5.475
   2. 4.675
   3. 4.525
   4. 4.625
8. Convert 4085 metres into kilometres
   1. 4km 850m
   2. 4km 85m
   3. 40km 85m
   4. 40km 850m
9. What is the volume of the cuboid below?  
   
   1. 960cm3
   2. 30cm3
   3. 96cm3
   4. 60cm3
10. **Work out:**-  
    3/8 + ¼ = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
    1. 4/12
    2. 4/8
    3. 5/8
    4. 1/8
11. **Work out:**   
    L        ML  
    8       450  
    x           6   
    1. 48L 2700ml
    2. 48L 700ml
    3. 50L 700ml
    4. 50L 400ml
12. A rally car took 525 seconds to complete a race. What was this time in minutes and seconds?
    1. 8 minutes 45 seconds
    2. 5 minutes 25 seconds
    3. 8 minutes 35 seconds
    4. 5 minutes 15 seconds
13. Work out the following:  
    31/4 x 11/2
    1. 47/8
    2. 31/2
    3. 41/4
    4. 31/8
14. Solve for x in the equation: 3x − 6 = 12
    1. 18
    2. 3
    3. 2
    4. 6
15. How many Sh.50 notes are there in Sh.1000 note?
    1. 10
    2. 200
    3. 100
    4. 20
16. The class wall clock read as shown below  
      
    What will be the time after 5 hours 30 minutes
17. 5:00 pm
18. 9:05 am
19. 12:30 am
20. 12:45 pm

**MARKING SCHEME**

1. B
2. C
3. D
4. C
5. C
6. A
7. B
8. A
9. C
10. A
11. B
12. D
13. D
14. B
15. A
16. B
17. C
18. D
19. D
20. D
21. C
22. B
23. A
24. C
25. C
26. A
27. C
28. D
29. D
30. D