COMPETENCE BASED CURRICULUM

D003

MONITORING LEARNER'S PROGRESS
GRADE 5 - YEAR 2022
MATHEMATICS

[5]

Learner's Name: ....

Learner's Number : ☐ ☐ ☐

Gender: Boy ☐   Girl ☐   (tick)

School's Name: ....

TEACHER'S SCORING GUIDE

Exceeds Exp	Meets Exp	Approaches Exp	Below Exp

1. What is the place value of digit 4 in the number 43986?   (1mk)

   _____

2. What is the total value of digit 3 in the sum of 1640 and 1422?   (1mk)

   _____

3. Write the following numbers in words   (3mks)
   (a) 960 _____
   (b) 684 _____
   (c) 397 _____

4. Round off the numbers below to the nearest hundred.   (4mks)
   (a) 999 _____
   (b) 249 _____
   (c) 364 _____
   (d) 598 _____

5. Write the first four multiples of the following numbers.   (3mks)
   (a) 8   _____, _____, _____, _____,
   (b) 9   _____, _____, _____, _____,
   (c) 6   _____, _____, _____, _____.

6. List all the odd numbers between 80 and 100. (2mks)

_____

7. Complete the number pattern below. (1mk)

97, 95, 93, 91, _____, _____

8. Arrange the following numbers in an ascending order. (2mks)
2202, 2020, 2002, 2220, 2200

_____

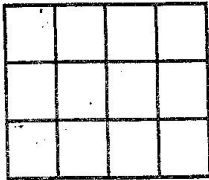9. Write down two pairs of factors for the following numbers; (2mks)
(a) 36 _____, _____
(b) 48 _____, _____

10. Shade the following fractions. (2mks)
(a) $\frac{5}{12}$ (b) $\frac{3}{8}$

11. Write the numbers below in roman numerals. (2mks)

(a) 9 _____

(b) 6 _____

12. In Ushindi primary school, there are 1020 pupils. Out of these, 684 are girls. How many boys are there in the school? (1mk)

_____

13. Add (4mks)
(a) 2694
  +2248
  _____

(b) 1694
  +1428
  _____

(c) 19064
  +14023
  _____

(d) 89467
  + 62351
  _____

14. What is the G.C.D of 12, 24 and 36? _____ (1mk)

15. Find the L.C.M of 20 and 30
_____ (1mk)

16. In the year 2020, a farmer harvested six thousand four hundred and eighty five bags of maize. In the year 2021, the farmer harvested twelve thousand, three hundred and thirty three bags. How many bags did he harvest in the two years? (1mk)

_____

17. Subtract: (3mks)
(a) 58467
  - 42353
  _____

(b) 9687
  - 6438
  _____

(c) 1008
  - 67
  _____

18. Work out
$\frac{1}{8} + \frac{1}{4} =$ _____ (1mk)

19. Change $3\frac{4}{5}$ into an improper fraction. (1mk)
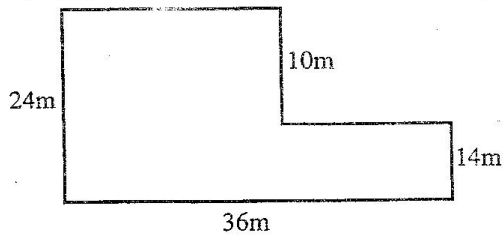
_____

20. Work out:
$95 \div 5 =$ _____
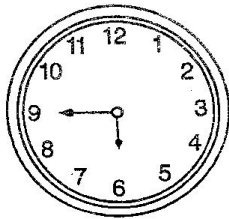
21. Convert into metres   (2mks)

(a) 9600cm = _____

(b) 4500cm = _____

22. How many $\frac{1}{4}$kg are there in 36kg? _____ (1mk)

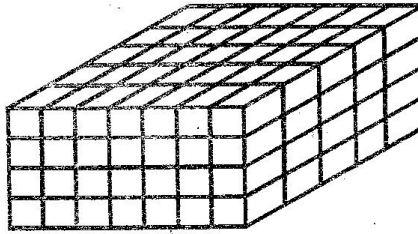23. What is the perimeter of the figure below?   (1mk)

_____

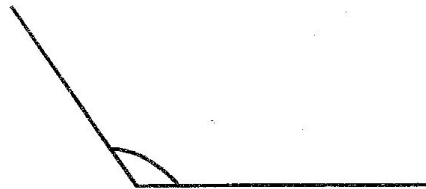24. What is the time shown on the clock face below?   (1mk)

_____

25. A school had 9864kg of beans. It received another 6490kg of beans. How many kg did it have altogether?   (1mk)

_____

26. What is the volume of the box below in cubic units?   (2mks)

_____

27. Name the angle drawn below. (1mk)

_____

28. Simplify the algebraic expressions below.   (2mks)

(a)   2q + 3q + 4q = _____

(b)   12b + 8b + 3b = _____

29. The table below shows the number and type of vehicles that passed on a certain road one day.

Type of vehicle	Tally mark	Number
Trucks	﹀	
Matatus	﹀	
Cars	﹀	
Buses	﹀	

(a) How many matatus than cars passed on the road that day?   (1mk)

_____

(b) How many buses passed on the road that day?   (1mk)

_____

(c) How many vehicles in total passed on the road that day?   (1mk)

_____

30. Complete the pattern.   (1mk)

○ △ □ ○ ○ △ △ □ □ ○ ○ ○   _____

_____