

NAIROBI CITY COUNCIL

WESTLAND DISTRICT EXAM

STD 5 2013

MATHEMATICS

1. Write the following in figures

Three hundred and seventy six thousand, two hundred and thirty five.

- A. 376235 B. 307235
C. 367235 D. 673325

2. Write the number in words. 562417

- A. Five six two four one seven thousand
B. Five hundred and sixty two thousand and four hundred and seventeen
C. Five hundred and sixty two thousand, seventeen four hundred.
D. Four hundred and seventeen thousand, five thousand and sixty two.

3. Find the L.C.M of 3 and 4

- A. 3 B. 4 C. 12 D. 6

4. Find the sum of all prime numbers between 2 and 10.

- A. 12 B. 10 C. 15 D. 17

5. What is the next number in the pattern?

2, 3, 5, 7 _____ ?

- A. 12 B. 8 C. 9 D. 11

6. $\frac{2}{3} + \frac{3}{4} =$

A. $\frac{5}{7}$ B. $1\frac{5}{12}$ C. $\frac{15}{12}$ D. $\frac{6}{12}$

7. Work out the following and write your answer to the nearest 10

$34 + 20 =$

- A. 55 B. 54 C. 50 D. 60

8. Work out $5\frac{1}{2} - 2\frac{1}{4}$

- A. $7\frac{2}{4}$ B. $3\frac{1}{4}$ C. $3\frac{1}{2}$ D. $7\frac{2}{6}$

9. What is place value of 9 in 2, 907 ?

- A. 900 B. Hundreds C. Thousand D. 9,000

10. Find G.C.D of 180, 360 and 630

- A. 90 B. 18 C. 630 D. 360

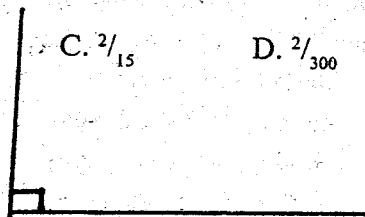
11. Find the missing number in $\frac{18}{27} = \frac{6}{?}$

- A. 9 B. 3 C. 18 D. 27

12. $\frac{4}{15} - \frac{2}{15} =$

- A. $\frac{2}{30}$ B. $\frac{1}{15}$ C. $\frac{2}{15}$ D. $\frac{2}{300}$

13. Name the angle



- A. Right angle B. Acute angle
C. Obtuse angle D. Reflex angle

14. What is an $\frac{1}{8}$ of 64 ?

- A. 12 B. 8 C. 7 D. 64

15. Write $\frac{4}{12}$ in words.

- A. Four over twelve B. Four twelfths
C. four twelve D. Twelve fours

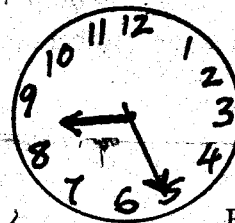
16. Write 36 in Roman numbers

- A. xxxvi B. Vixxx C. xlvi D. xxxiv

17. What is the total value of digit 9 in 209010

- A. 9000 B. 900
C. Thousands D. Hundreds

18. What is the time?



- A. 8.25 B. 9.20
C. 8.20 D. 9.25

19. What is the number just before 1000 ?

- A. 900 B. 999 C. 1001 D. 990

20. Which of the following number is divisible by 9.

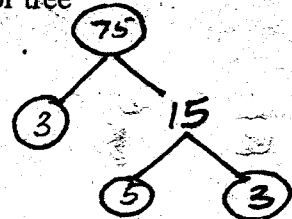
- A. 132 B. 39 C. 1818 D. 222

21. Njoroge was asked to divided the following

* numbers by five . which of the numbers had (48, 123, 111) remainders ? $48, 120, 123, 111, 115, 39, 1000$

- A. 120,48 B. 111, 115 C. 120, 39 D. 1000, 120

22. Complete the factor tree



- A. 75,3,5,5 B. 75,5,3 C. 25,3,5,5 D. 3,3,5,75

23. If I multiply ten by one quarter what do I get ?

- A. $\frac{10}{4}$ B. $10\frac{1}{4}$ C. $2\frac{1}{2}$ D. $1\frac{1}{4}$

24. Arrange in order from the smallest to the largest.

$\frac{3}{5}, \frac{2}{3}, \frac{1}{2}, \frac{3}{4}$

- A. $\frac{1}{2}, \frac{3}{4}, \frac{3}{5}, \frac{2}{5}$ B. $\frac{1}{2}, \frac{3}{5}, \frac{2}{3}, \frac{3}{4}$
C. $\frac{1}{2}, \frac{1}{3}, \frac{1}{4}, \frac{1}{5}$ D. $\frac{3}{4}, \frac{1}{2}, \frac{3}{5}, \frac{2}{3}$

25. Find the missing number

$\frac{7}{8} = \frac{?}{32}$

- A. 7 B. 9 C. 31 D. 28

26. Find the difference $\frac{5}{6} - \frac{5}{6} =$
 A. 5 B. 6 C. 0 D. 1

27. Find the sum of $\frac{1}{6}$ and $\frac{3}{4} =$
 A. $\frac{10}{12}$ B. $\frac{11}{12}$ C. $\frac{12}{12}$ D. $1 \frac{11}{12}$

28. Which of the following fractions is equal to one?
 A. $\frac{9}{4}$ B. $\frac{52}{25}$ C. $\frac{15}{15}$ D. $\frac{1}{3}$

29. Take away $\frac{4}{7}$ from 1. What do you get?
 A. $\frac{7}{7}$ B. $\frac{4}{7}$ C. $\frac{3}{7}$ D. 0

30. What is the sum of an odd number and an even number?
 A. Odd B. Even number

C. Prime number D. Roman number

31. Change $\frac{15}{12}$ into improper fraction
 A. $3 \frac{3}{12}$ B. $1 \frac{3}{12}$ C. $12 \frac{1}{3}$ D. $12 \frac{3}{1}$

32. Which is heavier? 1 kg of cotton wool or 1 kg of meat?
 A. Cotton wool B. Meat C. Sand D. None

33. I am a number, if you multiply me by seven, the number is fifty six. What is the number am I?
 A. 7 B. 11 C. 8 D. 9

34. Multiply $4 \times 2 \frac{1}{3}$
 A. $3 \frac{1}{9}$ B. $9 \frac{1}{3}$ C. $1 \frac{3}{9}$ D. 3

35. Which is reflex?
 A.  B.  C.  D. 

36. Two chairs cost sh. 240. How much did Jimmy pay if he bought 4 chairs
 A. 480 B. 260 C. 460 D. 240

37. Work out $20,000 - 1984$
 A. 201984 B. 21984 C. 18016 D. 181016

38. If one calf weighs 60 kg. What will be the weight of 4 such calves
 A. 60 B. 240 C. 64 D. 120

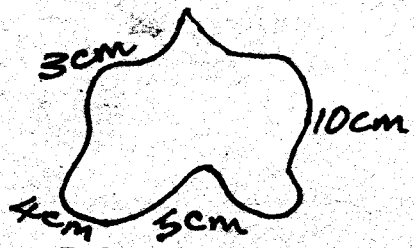
39.
$$\begin{array}{r} 215 \\ \times 16 \\ \hline \end{array}$$

 A. 3440 B. 1290 C. 2150 D. 4350

40. How many weeks are there in three and half ($\frac{1}{2}$) months.
 A. 14 weeks B. 12 weeks
 C. 15 weeks D. 4 weeks

41. The approximate weight of your mathematics teachers is _____
 A. 140 kgs B. 590 kgs
 C. 70 kgs D. 70 grams

42. Find the perimeter of the figure below



A. 22 cm B. 21 cm C. 14 cm D. 14 cm

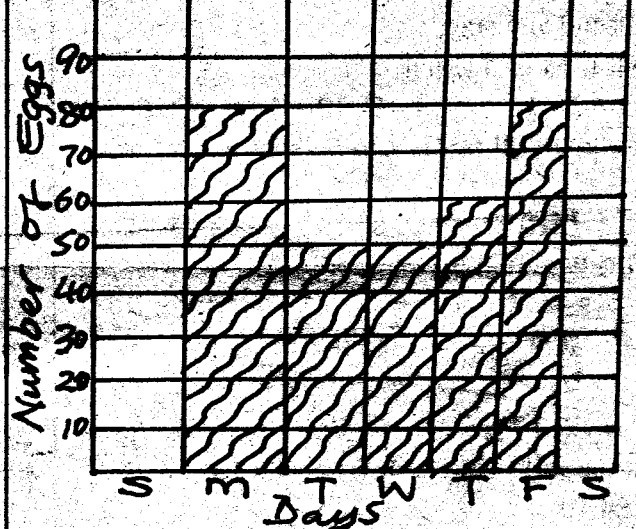
43. How many quarter litres are there in 10 litres?
 A. 10 B. 44 C. 40 D. 4

44.
$$\begin{array}{r} 3751 \\ - 67 \\ \hline \end{array}$$

A. 3583 B. 3683 C. 3684 D. 3682

45. Express 24 as a product of prime numbers.
 A. $2 \times 2 \times 2 \times 3$ B. $2 \times 2 \times 7$
 C. 2×13 D. $2 \times 2 \times 3$

Use the graph to answer question's 46 - 50



46. On which day did he collect the least number of eggs?
 A. Sunday B. Saturday
 C. Monday D. Tuesday

47. Which day were there no eggs collect?
 A. Sunday B. Monday
 C. Wednesday D. Tuesday

48. How many more eggs did he collect on Friday than on Thursday?
 A. 20 B. 10 C. 15 D. 25

49. On which two days did he collect equal number of eggs?
 A. Sunday and Monday
 B. Tuesday and wednesday
 C. Tuesday and wednesday
 D. Sunday and Monday

50. How many eggs did he collect the whole week?
 A. 300 B. 370 C. 360 D. 369