STANDARD FIVE
EVALUATION TEST
MATHEMATICS 2015

Time:-2 Hours

1. Write one hundred and seventy thousand six hundred and eighty
   A. 1007680
   B. 170680
   C. 107860
   D. 17680

2. What is the total value of digit **3** in the number **43651**?
   A. 30
   B. 300
   C. 3000
   D. 30 000

3. Round off **95648** to the nearest hundred
   A. 95600   B. 95700
   C. 95658   D. 95748

4. Which of the following numbers is divisible by **6** only?
   A. 224   B. 96
   C. 184   D. 123

5. What is the place value of digit **3** in the difference of **5248** and **4116**?
   A. Hundreds   B. Thousands
   C. Tens   D. Ones

6. What is the G.C.D of **24, 40** and **64**?
   A. 16   B. 32
   C. 960   D. 8

7. Subtract $8^2/_3 - 6^1/_2$
   A. $2^1/_6$ B. $2^7/_6$
   C. $15^1/_6$ D. $3^1/_6$

8. What is the next number in the pattern below?
   7, 9, 12, 17, 24, __
   A. 33   B. 35
   C. 32   D. 41

9. What is the sum of prime numbers between **10** and **20**?
   A. 60   B. 49
   C. 41   D. 47

10. Write **7750 m** into kilometres
    A. 77.5 km   B. 7.5 km
    C. $7^3/_4$ km   D. $7^1/_4$ km

11. Simplify $^{24}/_{72}$ into the simplest form
    A. $^6/_9$ B. $^3/_4$
    C. $^1/_3$ D. $^3/_9$

12. Subtract: $1 - ^7/_{12}$
    A. $^6/_{12}$ B. $^8/_{12}$
    C. $^7/_{11}$ D. $^5/_{12}$

13. Change $8^3/_5$ into improper fraction
    A. $^{40}/_5$ B. $^{43}/_8$
    C. $^{43}/_5$ D. $^{11}/_5$

14. There are 2784 pupils in Kieni Primary School. If there are 1493 boys, how many girls are there?
    A. 1291   B. 1311
    C. 4277   D. 1391

15. The perimeter of the rectangle is 84cm. if the length is 24cm. What is the width?
- A. 18cm
- B. 32cm
- C. 60 cm
- D. 36cm

16. What is the L.C.M of 16, 24 and 32?
- A. 72
- B. 8
- C. 96
- D. 108

17. What is the perimeter of the rectangle below?

3KM 500M

7KM 350M
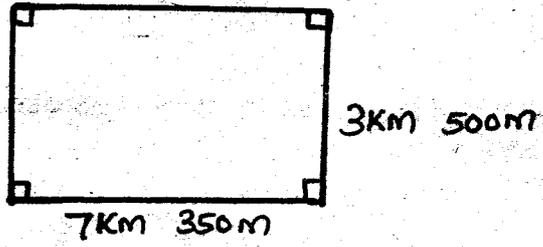
- A. 10 km 850 m
- B. 20 km 1750 m
- C. 21 km 650 m
- D. 21 km 700 m

18. Which one of the following is a prime factorization of 48?
- A. 2 x 2 x 2 x 2 x 3
- B. 2 x 3 x 4 x 2
- C. 2 x 2 x 2 x 3
- D. 3 x 4 x 4

19. What is the place value of digit 3 in the number 74. 6305?
- A. Hundredths
- B. Tenths
- C. Thousandths
- D. Hundreds

20. Write $^4/_5$ as decimal
- A. 0. 5
- B. 0. 4
- C. 0. 75
- D. 0. 8

21. Arrange the following fractions from the largest to the smallest $^3/_4, ^2/_3, ^1/_2, ^1/_4$
- A. $^2/_3, ^3/_4, ^1/_2, ^1/_4$
- B. $^1/_4, ^1/_2, ^2/_3, ^3/_4$
- C. $^3/_4, ^2/_3, ^1/_2, ^1/_4$
- D. $^3/_4, ^1/_4, ^2/_3, ^1/_2$

22. What is the area of the figure below?

20M

35M
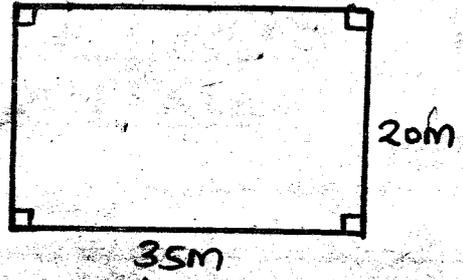
- A. 700 m²
- B. 600 m²
- C. 110 m²
- D. 800 m²

23. Write 69 in Roman numerals
- A. LXIX
- B. LXVI
- C. XLIX
- D. XLVIII

24. Work out:

km	m
6	240
x	8

- A. 49 km 920 m
- B. 48 km 1920 m
- C. 49 km 820 m
- D. 48 km 920 m

25. What is the volume of the figure below?

4cm

6cm

12cm
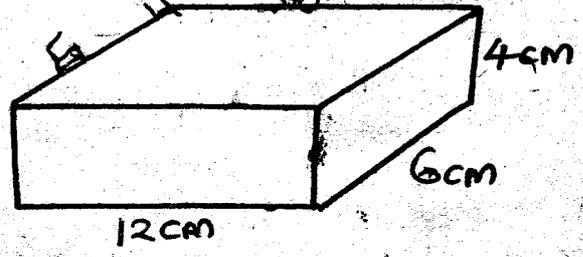
- A. 144 cm³
- B. 22 cm³
- C. 288 cm³
- D. 248 cm³

26. Work out : 4. 76 + 36 + 9.2
- A. 40. 76
- B. 49. 96
- C. 14. 32
- D. 17. 56

27. How many days are there in January, February and May of a leap year?
- A. 90
- B. 92
- C. 91
- D. 89

28. Multiply:
    $6\,^5/_8 \times 12 =$
    A. $72\,^5/_8$
    B. $78\,^1/_2$

    C. $97\,^1/_2$
    D. $79\,^1/_2$

29. Complete the statement with the correct factor
    $^4/_5 = ^?/_{25}$
    A. 20
    B. 16
    C. 12
    D. 24

30. Convert 8250 g into kilograms
    A. $8\,^1/_2$ kg
    B. $82\,^1/_2$ kg

    C. $8\,^1/_4$ kg
    D. $8\,^3/_4$ kg

31. Which one of the following diagrams shows a reflex angle ?
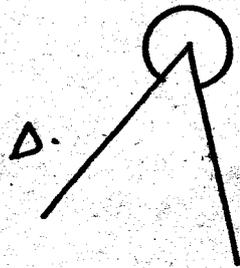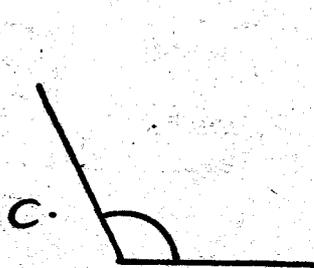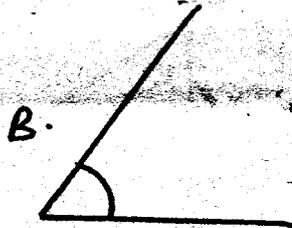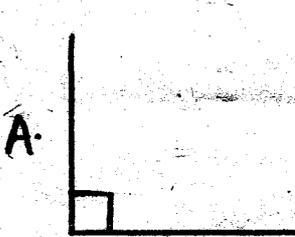
32. How many 200 ml packets of water can fill a bucket of 10 litres?

    A. 20
    B. 25
    C. 10
    D. 50

33. Multiply 48. 72 by 8
    A. 369. 76
    B. 389 . 66
    C. 389 . 76
    D. 324 . 76

34. Work out :

H	mins
8	20
- 5	35

    A. 2 hrs 45 mins
    B. 2 hrs 85 mins
    C. 3 hrs 45 mins
    D. 13 hrs 55 mins

35. What is the value of y in the equation:
    $y - 8 = 14$?
    A. 22
    B. 8
    C. 6
    D. 24

36. Moses bought 24 bags of rice. If each bag weighed 90 kg, what was the total mass ?
    A. 2160 kg
    B. 2060 kg
    C. 1860 kg
    D. 2140 kg

37. Simplify the expression below:
    $2y + 4x + 3 y =$
    A. $5x + 4y$
    B. $4x + 5y$
    C. $6y + 4x$
    D. $4x + 6y$

38. Divide 18 km 250 m by 5
    A. 3km 650 m
    B. 3 km 750 m
    C. 3 km 50m
    D. 3 km 250 m

39. What is the size of angle marked x in the figure below?
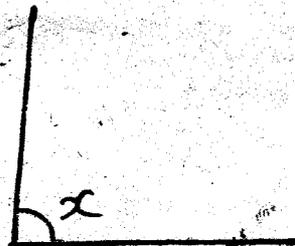
    A. 95°
    B. 105°
    C. 85°
    D. 75°

40. Work out:
322 litres   992 ml ÷ 4 =
A. 80 L   748 ml   B. 80 L 2548 ml
C. 8L   748 ml   D. 80 L 498 ml

41. Multiply 2944 by 46
A. 64   B. 12424
C. 135424   D. 135324

42. What is the area of the shaded part?
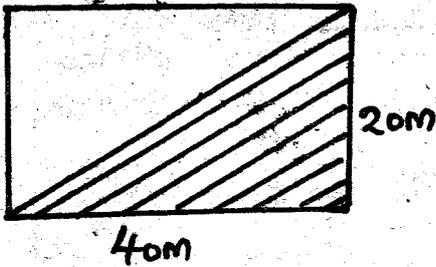
A. 800 m²   B. 120 m²
C. 400 m²   D. 200 m²

43. Keter bought the following items from the shop.
2 kg of rice for sh 240
1 kg of meat at sh 350
A text book for sh 210
How much money did she pay?
A. sh 800   B. sh 1040
C. sh 700   D. sh 810

44. Which one of the following years is a leap year?
A. 2002   B. 2012
C. 2005   D. 2014

45. The area of a rectangle is 120 m². If the length is 15m, find the width
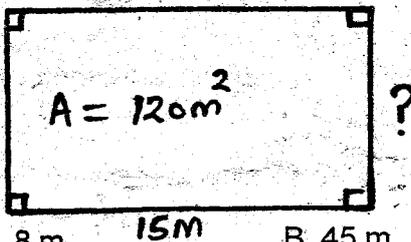
A. 8 m   B. 45 m
C. 6 m   D. 12 m

46. Mercy had 3.½ litres of milk. She gave 1¾ litres of it to her daughter. How much milk remained?

A. 1¾ L   B. 1½ L

C. 1¼ L   D. ¾ L

47. Work out :
   wks   days
    7   5
 + 5   6
_____

A. 13 wks 4days   B. 12 wks 4 days
C. 13 wks 1 day   D. 1 wk 6 days

48. The perimeter of a square below is 196 m. What is the length?
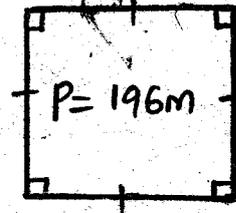
A. 48 m   B. 49 m
C. 14 m   D. 784 m

49. Find the size of angle marked x in the figure below
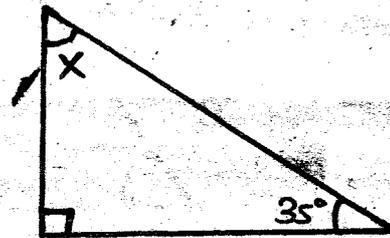
A. 65°   B. 55°
C. 145°   D. 72°

The table below shows the number of vehicles recorded by pupils in one day. Use it to answer question 50

Vehicles	Tally marks	Quantity
Lorries	##### ///	
Cars	##### /	
Taxis	////	
Buses	##### ##### //	

50. How many vehicles did the pupils see altogether?
A. 18   B. 30
C. 20   D. 26