

STANDARD FIVE MID TERM 1 EXAMS-2019

MATHEMATICS

1. You have been given this question paper and a separate answer sheet. The question paper contains 50 questions.
2. Make sure that you have written on the answer sheet

TIME: 2HRS

(i) Your name . (ii) Name of your school

1. Write nine million three hundred and fifty thousand seven hundred and fifty four in figures.

A. 9350754 B. 9035754
C. 90350754 D. 935754

2. What is the total value of digit 8 in 384965?

A. 8000 B. 80
C. 80000 D. 800000

3. What is 46492 rounded off to the nearest thousand?

A. 47000 B. 46000
C. 50000 D. 46500

4. Which one of the following numbers is divisible by 8?

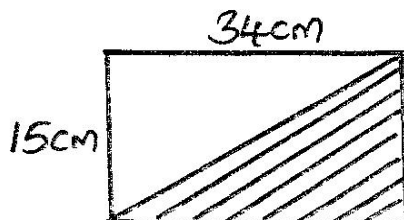
A. 38234 B. 98004
C. 70640 D. 34108

5. What is the square root of $7\frac{9}{16}$?

A. $2\frac{3}{4}$ B. $7\frac{9}{16}$

C. $12\frac{1}{16}$ D. $1\frac{1}{4}$

6. Find the area of the shaded part



A. 510cm² B. 47cm²
C. 255cm² D. 98cm²

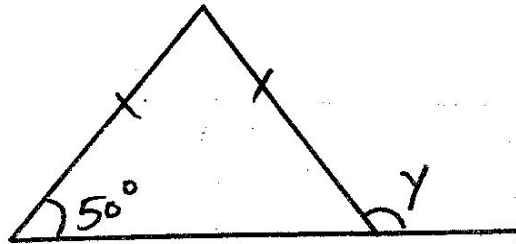
7. Work out:-

$$6\frac{2}{3} + 3\frac{4}{5} = \underline{\hspace{2cm}}$$

A. $9\frac{6}{8}$ B. $10\frac{7}{15}$

C. $9\frac{15}{22}$ D. $9\frac{8}{15}$

8. Find the value of angle marked y.



A. 50° B. 130°

C. 80° D. 100°

9. The area of a square is 144m². What is its perimeter?

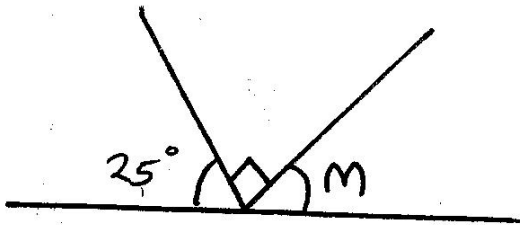
A. 12m
B. 24m
C. 48m
D. 276m

10. What is the next number in the pattern below?

2, 3, 5, 7, _____

A. 9
B. 11
C. 12
D. 13

11. Find the value of the angle marked m



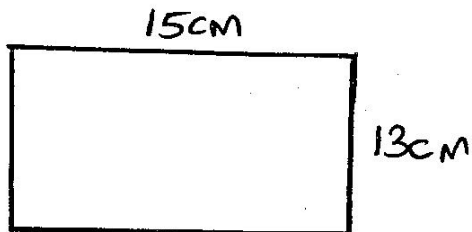
- A. 90° B. 115°
C. 125° D. 65°

12. Multiply:-

$$0.462 \times 0.32 = \underline{\hspace{2cm}}$$

- A. 0.014784 B. 0.14784
C. 147.84 D. 14.784

13. Find the area of the rectangle below



- A. 28cm^2 B. 56cm^2
C. 60cm^2 D. 195cm^2

14. Find the G.C.D of 30, 45 and 75

- A. 15 B. 30
C. 20 D. 10

15. Which one of the following is the smallest fraction?

- A. $\frac{2}{3}$ B. $\frac{5}{8}$
C. $\frac{4}{5}$ D. $\frac{3}{5}$

16. Write $\frac{2}{5}$ as a decimal

- A. 0.4 B. 0.04
C. 2.5 D. 5.2

17. Solve the equation:-

$$3y + 8 - 2y = 9$$

- A. $y = 1$ B. $y = 0$
C. $y = 5$ D. $y = 17$

18. One bell rings after 4 minutes and another after 5 minutes. How long does it take for the bell to ring together again?

- A. 9 minutes B. 20 minutes
C. 1 hour D. 30 minutes

19. A carton contains 144 books. Each book weighs 325g. What is the total mass of the books in grams?

- A. 4690g B. 46800g
C. 4680g D. 3480g

20. Divide:-

$$288000 \text{ by } 400$$

- A. 7200 B. 720
C. 72 D. 72000

21. The area of a rectangular field is 180m^2 . Its width is 12m. What is the length of the rectangle?

- A. 15cm B. 75m
C. 11m D. 15m

22. Add:-

$$469.09 + 32.81 + 9.673$$

- A. 511.573 B. 59.863
C. 510.573 D. 511.473

23. What is the sum of the prime numbers between 0 and 10?

- A. 17 B. 20
C. 25 D. 24

24. How many $\frac{1}{4}\text{kg}$ packets can be obtained from 60kg of sugar?

- A. 15 B. 64
C. 160 D. 240

25. Work out:-

$$6 \overline{) 8\text{hrs } 30\text{min } 36\text{sec}}$$

- A. 1hr 5min 6sec
B. 1hr 20min 6sec
C. 1hr 25min 6sec
D. 1hr 25min 12sec

26. What is $7\frac{1}{4} \times 4\frac{2}{5}$?

A. $28\frac{1}{10}$

B. $31\frac{9}{10}$

C. $31\frac{1}{2}$

D. $29\frac{3}{10}$

27. Solve:-

<u>Km</u>	<u>M</u>
420	360
+ 300	980

A. 720km 134m

B. 720km 340m

C. 721km 1340m

D. 721km 340m

28. Add:-

$1994840 + 702489 =$ _____

A. 2649229

B. 2697329

C. 2698329

D. 2969329

29. Change $13\frac{4}{7}$ into an improper fraction.

A. $\frac{91}{7}$

B. $\frac{144}{7}$

C. $\frac{94}{7}$

D. $\frac{95}{7}$

30. How many hours and minutes are there in 175 minutes?

A. 2hrs 10min

B. 0hr 60min

C. 2hrs 55min

D. 2hrs 35min

31. What is the approximate height of your classteacher?

A. 200m

B. 220cm

C. 0.2m

D. 2km

32. Convert $3\frac{1}{4}$ kg into grammes.

A. 3250g

B. 3750g

C. 3000g

D. 3500g

33. What is the reciprocal of $6\frac{1}{4}$?

A. $\frac{4}{25}$

B. $6\frac{4}{1}$

C. $\frac{5}{2}$

D. $\frac{25}{4}$

34. Write 45 in Roman numerals.

A. XLVI

B. XLIV

C. XXXXIV

D. LXIV

35. Simplify:-

$5(a + b) + 4(2a - b)$

A. $13a + 9b$

B. $18a + b$

C. $13a - 9b$

D. $13a - b$

36. Which one of the following fractions is equivalent to $\frac{3}{4}$?

A. $\frac{4}{3}$

B. $\frac{6}{8}$

C. $\frac{12}{16}$

D. $\frac{9}{15}$

37. How many minutes are there in 2hrs 30mins?

A. 230

B. 120

C. 130

D. 150

38. A family uses $1\frac{1}{3}$ litres of milk daily. How many litres of milk does the family use in the week?

A. $9\frac{1}{3}$

B. $2\frac{2}{3}$

C. $3\frac{1}{9}$

D. $2\frac{1}{3}$

39. The time now is 9.00a.m. What time will it be after 4hours?

A. 1.00p.m

B. 1.00a.m

C. 5.00a.m

D. 13a.m

40. Work out:-

<u>Kg</u>	<u>g</u>
12	650
24	85
+ 75	785

A. 111kg 1520g

B. 112kg 520g

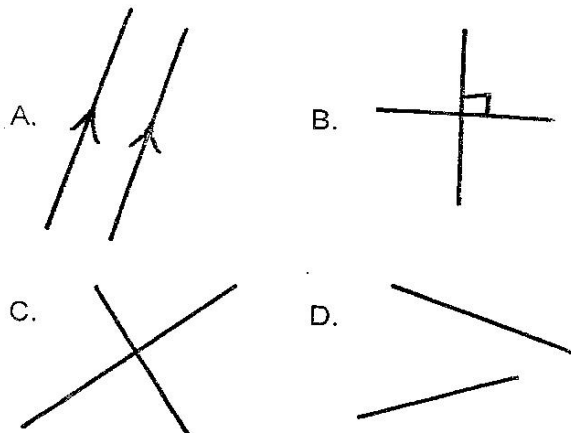
C. 112kg 510g

D. 112kg 420g

41. A rectangular box measures 70cm long by 50cm wide by 40cm high. What is the volume of the box?

- A. 140000cm³ B. 140000cm²
 C. 16000cm² D. 16000cm³

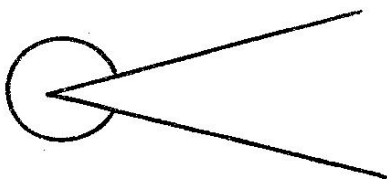
42. Which one of the following are parallel lines?



43. A meeting was attended by 33812 women, 47400men and 22906 children. How many people were there altogether?

- A. 103118
 B. 104118
 C. 104018
 D. 81212

44. Name the angle below



- A. obtuse angle B. acute angle
 C. reflex angle D. right angle

45. If 40% of a commodity is sh. 280, what is 70% of the same commodity?

- A. Shs. 110
 B. Shs. 350
 C. Shs. 49
 D. Shs. 490

46. Simplify:-

$$\frac{36}{15}$$

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

47. What is the sum of the square of 9 and 21?

- A. 490
 B. 542
 C. 412
 D. 522

48. Take away:-

$$1.297 \text{ from } 3.5$$

- A. 4.797
 B. 2.297
 C. 2.303
 D. 2.203

49. In a farm there are 4900 coffee trees planted in rows. Each row had fifty trees. How many rows of coffee are there?

- A. 88
 B. 98
 C. 108
 D. 4950

50. What is the next shape in the pattern?

