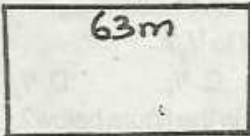

STANDARD FIVE YEAR 2016

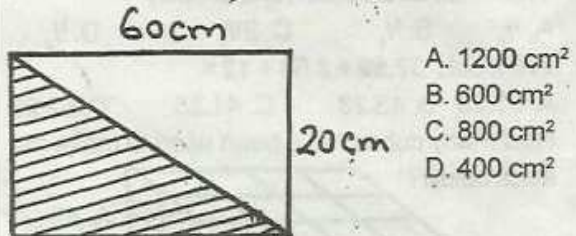
END-TERM 2, MATHEMATICS PAPER TIME:1HR-40MINS

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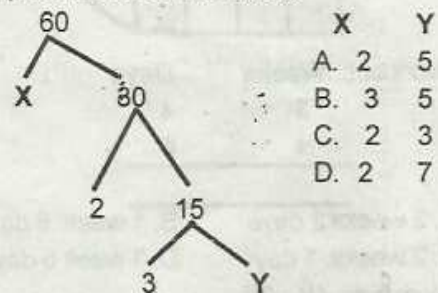
MATHEMATICS TIME: 1HR-40MINS

1. Write **504200** in words
 A. Five hundred and four thousand two hundred
 B. Fifty four thousand two hundred
 C. Five four thousand two hundred
 D. Fifty thousand two hundred
2. Round off the number **395139** to the nearest tens
 A. 395100 B. 395130
 C. 395140 D. 395000
3. Find the product of **926** and **12**
 A. 118112 B. 109102
 C. 11112 D. 109112
4. Which of the following numbers is divisible by 4?
 A. 2700 B. 5445 C. 67670 D. 20038
5. There are 248321 men and 157996 women in a county. Calculate the total number of people
 A. 406317 B. 405316
 C. 406217 D. 405217
6. Work out the GCD of **48, 60** and **72**?
 A. 4 B. 720 C. 12 D. 48
7. What is the total value of digit 4 in the number **947263**
 A. 40000 B. 4000 C. 400 D. 400000
8. What is the perimeter of the figure below.

 A. 100m
 B. 90m
 C. 180m
 D. 200m
9. What is the LCM of **8, 12** and **24**.
 A. 48 B. 24 C. 2 D. 6
10. Which of these numbers is divisible by 2 and 3?
 A. 23 B. 120 C. 160 D. 290
11. Solve for x: $x + 3 = 30$
 A. 27 B. 33 C. 90 D. 10
12. What is the next number in the sequence:
15, 18, 21, 24, _____
 A. 25 B. 29 C. 27 D. 48
13. Which of the following number is prime?
 A. 33 B. 41 C. 55 D. 81
14. Convert $\frac{5}{8}$ into a decimal
 A. 5.8 B. 0.58 C. 0.625 D. 0.5
15. Write $\frac{5}{12}$ in words
 A. five twelve B. five twelfths

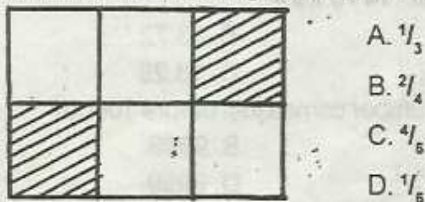
- C. twelfth D. fifth twelfth
16. Write **46** in Roman numerals.
 A. XLVI B. LXVI
 C. LVI D. VIL
17. Find the area of the shaded part.



- A. 1200 cm²
 B. 600 cm²
 C. 800 cm²
 D. 400 cm²
18. Round off 96748 to the nearest hundreds
 A. 96740 B. 96700
 C. 96800 D. 96000
19. Complete the factor tree below.



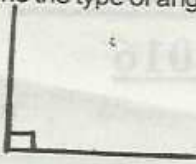
20. How many days are there in the month of August, September and November?
 A. 90 B. 93 C. 91 D. 92
21. What fraction of the figure below is shaded?



- A. $\frac{1}{3}$
 B. $\frac{2}{4}$
 C. $\frac{4}{6}$
 D. $\frac{1}{5}$
22. Arrange the fractions $\frac{2}{5}, \frac{3}{8}, \frac{1}{4}, \frac{7}{8}$ starting from the largest
 A. $\frac{7}{8}, \frac{3}{8}, \frac{2}{5}, \frac{1}{4}$ B. $\frac{7}{8}, \frac{2}{5}, \frac{3}{8}, \frac{1}{4}$
 C. $\frac{2}{5}, \frac{1}{4}, \frac{3}{8}, \frac{7}{8}$ D. $\frac{7}{8}, \frac{1}{4}, \frac{3}{8}, \frac{2}{5}$
23. Work out: $7\frac{1}{4} + 3\frac{2}{5}$
 A. $10\frac{3}{9}$ B. $10\frac{1}{3}$ C. $10\frac{13}{20}$ D. $10\frac{3}{20}$

24. Write $25\frac{3}{8}$ as an improper fraction
 A. $25\frac{3}{8}$ B. $\frac{8}{253}$ C. $\frac{203}{8}$ D. $\frac{8}{203}$

25. Name the type of angle shown below.



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

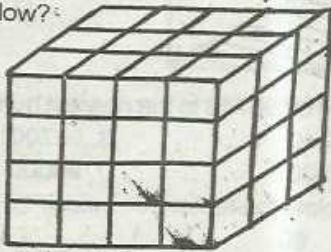
26. What is the place value of digit 3 in 104.23
 A. tenth B. hundredth C. ones D. tens

27. Work out: $15 \times 3\frac{1}{5}$
 A. $45\frac{1}{5}$ B. 48 C. 47 D. 46

28. Write 0.25 as a fraction and simplify
 A. $\frac{2}{5}$ B. $\frac{1}{8}$ C. $2\frac{1}{2}$ D. $\frac{1}{4}$

29. Work out: $37.59 + 3.64 + 12 =$
 A. 53.23 B. 43.23 C. 41.35 D. 52.23

30. How many cubes have been used to make the stack below?



- A. 48
 B. 36
 C. 24
 D. 18

31. Work out:
- | Weeks | Days |
|-------|------|
| 3 | 4 |
| - 1 | 6 |

- A. 2 weeks 2 days B. 1 week 8 days
 C. 2 weeks 1 day D. 1 week 5 days

32. Work out: $4\frac{3}{4} - 2\frac{2}{9}$
 A. $2\frac{3}{4}$ B. $1\frac{31}{36}$ C. $2\frac{1}{36}$ D. $1\frac{1}{36}$

33. Simplify: $8p - 6p - p$
 A. 3p B. p C. 13p D. 2p

34. Work out: $14 - 0.28 =$
 A. 0.14 B. 13.72
 C. 12.72 D. 13.28

35. Which number comes just before 10000?
 A. 999 B. 9998
 C. 10001 D. 9999

36. Simplify: $2\frac{1}{72}$
 A. $\frac{1}{4}$ B. $\frac{1}{3}$ C. $\frac{1}{8}$ D. $\frac{2}{3}$

37. Mwangi saved Shs. 45 per day. How many days does it take him to save Shs. 9000?
 A. 20 B. 200 C. 250 D. 450

38. How many $\frac{1}{4}$ litre cups can be used to fill a 60 litre container?

- A. 15 B. 64 C. 240 D. 56
 39. Round off the sum of 16589 and 15143 to the nearest hundreds.

- A. 31730 B. 31740
 C. 31700 D. 32000

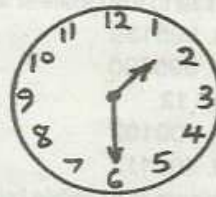
40. Write $3\frac{1}{7}$ as a mixed fraction
 A. $3\frac{1}{7}$ B. $4\frac{3}{7}$ C. $4\frac{2}{7}$ D. $4\frac{2}{3}$

41. Work out: $8 \times 4 \times 3$
 A. 843 B. 48 C. 64 D. 96

42. There are p boys and k girls in a class, how many pupils are in the class?

- A. pk B. $\frac{p}{k}$ C. p - k D. p + k

43. What is the time shown by the clock?



- A. half past one
 B. half past two
 C. quarter to one
 D. quarter to two

44. Work out: $8 \overline{) 3\text{h } 21\text{ min } 20\text{ sec}}$

- A. 1h 25 min 10 sec B. 26 min 12 sec
 C. 25 mins 10 sec D. 450 min 15 sec

45. A pencil costs Shs. 4.50. How much will one pay for 12 such pencils?

- A. Shs. 54 B. Shs. 45
 C. Shs. 27 D. Shs. 540

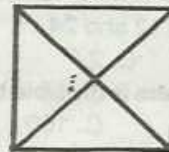
46. A staff meeting started at 9.20am and took $2\frac{1}{2}$ hours. What time did it end?

- A. 11.20am B. 11.00am
 C. 11.35am D. 11.50am

47. Which fractions is equal to $\frac{1}{2}$?

- A. $\frac{1}{8}$ B. $\frac{5}{8}$ C. $\frac{3}{8}$ D. $\frac{9}{8}$

48. How many triangles are in the figure below?



- A. 4
 B. 6
 C. 8
 D. 10

49. The tallies $\text{||||} \text{||||} \text{||}$ represents

- A. 12 B. 10 C. 8 D. 7

50. Jack started working on Thursday 2nd June, he worked for 10 days. When did he stop working?

- A. Sunday 12th June
 B. Saturday 11th June
 C. Monday 13th June
 D. Tuesday 12th June