LSUBEB/019/04/06

LAGOS STATE UNIVERSAL BASIC EDUCATION BOARD
2ND TERM UNIFIED EXAMINATION, APRIL 2019
PRIMARY SIX

NAME OF SCHOOL: _____

PUPIL'S NAME: _____

CLASS: PRIMARY SIX

SUBJECT: MATHEMATICS
DURATION: 2 HOURS

MATHEMATICS

INSTRUCTION: Answer all questions.

SECTION A

1. Write in words: 17 769 168 202
   (a) Seventeen million seven hundred and sixty nine hundred thousand one hundred and sixty eight thousand two hundred and two
   (b) Seventeen billion one hundred and sixty eight million seven hundred and sixty nine thousand two hundred and two
   (c) Seventeen billion seven six nine hundred million one six eight thousand two hundred and two
   (d) Seventeen billion seven hundred and sixty nine million one hundred and sixty eight thousand two hundred and two

2. Write in figure:
   Eighty five million three hundred and seventy three thousand and sixty eight
   (a) 85, 373, 608 (b) 85, 373, 068 (c) 85, 733, 068 (d) 85, 373, 608

3. What is the value of 7 in 571 026
   (a) 7 ten thousands (b) 7 unit thousand
   (c) 7 hundred thousand (d) 7 thousand

4. Express $^{7}/_{8}$ as a decimal.
   (a) 0.785 (b) 0.985 (c) 0.875 (d) 0.578

5. Badmus and Arowolo shared 50 oranges in ratio 2:3. What is Badmus share?
   (a) 23 oranges (b) 20 oranges (c) 30 oranges (d) 35 oranges

6. Convert 25_{10} to number in base 2.
   (a) 10001_2 (b) 11011_2 (c) 11010_2 (d) 11001_2

7. Express 774 in Roman numeral.
   (a) IIVIIVIV (b) DCCLXXIV (c) DCCLXIV (d) DCCLXXV

8. A car travels 350km in 5 hours. What is the average speed covered per hour?
(a) 57km/h (b) 75km/h (c) 70km/h (d) 67km/h

9. If 40% of the pupils in a school are boys, what percentage of the pupils are girls?
(a) 60% (b) 50% (c) 140% (d) 100%

10. A poultry farmer had 8 456 eggs. If 2 998 eggs were sold. How many eggs remained?
(a) 5 358 (b) 5 458 (c) 5 558 (d) 5 258

11. Simplify: $3^{1}/_{4} + 2^{3}/_{8}$
(a) $5^{1}/_{8}$ (b) $5^{5}/_{8}$ (c) $5^{7}/8$ (d) $5^{6}/_{8}$

12. Arrange $^{1}/_{3}, ^{1}/_{2}, ^{1}/_{4}, ^{2}/_{5}$ in descending order.
(a) $^{1}/_{4}, ^{1}/_{2}, ^{1}/_{3}, ^{1}/_{5}$ (b) $^{1}/_{2}, ^{2}/_{5}, ^{1}/_{3}, ^{1}/_{4}$
(c) $^{2}/_{5}, ^{1}/_{2}, ^{1}/_{4}, ^{1}/_{3}$ (d) $^{1}/_{2}, ^{1}/_{3}, ^{1}/_{4}, ^{2}/_{5}$

13. If $^{x}/_{5} = ^{24}/_{40}$, find the value of x.
(a) 3 (b) 4 (c) 5 (d) 8

14. Express 40cm as a percentage of 2m.
(a) 40% (c) 42% (c) 20% (d) 60%

15. If a bag of beans weighs 24kg, how many bags will weigh 1608kg?
(a) 76 bags (b) 42 bags (c) 24 bags (d) 67 bags

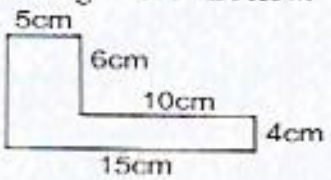
16. From the sum of 17.426 and 9.89 take away 11.25.
(a) 16.166 (b) 16.066 (c) 38.566 (d) 36.266

17. Find the HCF of 8, 12 and 24.
(a) 8 (b) 12 (c) 3 (d) 4

18. The tenement rates payable by land users to Ikorodu Local Government Authority is ₦2350 per house. Find the amount collected for 22 houses.
(a) ₦139 700 (b) ₦51 700 (c) ₦72 300 (d) N15 700

19. A cuboid has a volume of $72cm^3$. If the length is 4cm and height is 9cm. Calculate the width.
(a) 3cm (b) 6cm (c) 2cm (d) 9cm

20. Find the perimeter of the figure shown below.



(a) 50cm (b) 40cm (c) 30cm (d) 46cm

21. Divide 980 by 28
(a) 53 (b) 18 (c) 35 (d) 15

22. Find the value of $(2^2 \times 4)(2^2 \times 5)$
(a) 620 (b) 302 (c) 320 (d) 1620

23. Estate primary school pupils consume five hundred and twenty eight litres of water in a day. How many litres of water will they consume in five days?
(a) 2540 litres (b) 2640 litres (c) 2648 litres (d) 2548 litres

24. A boy was 12 years in 1992, In what year would he be 30 years old?
(a) 2010 (b) 2020 (c) 2022 (d) 2011

25. If y-5=3, what is y^2?
(a) 25 (b) 18 (c) 46 (d) 64

26. What is the value of 45% of 200?
(a) 100 (b) 90 (c) 60 (d) 45

27. Evaluate 32.25 x 3.5
(a) 1128.750 (b) 11.2875 (c) 112.875 (d) 1.287

28. Increase ₦500 by 25%
(a) N625 (b) ₦375 (c) ₦525 (d) ₦265

29. Simplify $2^1/_4 \div 2^2/_3 \times 1^1/_8$
(a) $^1/_8$ (b) $5^7/_4$ (c) $^1/_6$ (d) $^1/_9$

30. Express 0.124 as fraction in its lowest term.
(a) $^3/_{25}$ (b) $^{39}/_{250}$ (c) $^{31}/_{250}$ (d) $^{124}/_{100}$

SECTION B
QUANTITATIVE REASONING

Use the samples below to answer questions 31-34.

8	2
32	4

45	5
405	9

10	5
20	2

31.

90	10
?	9

(a) 800 (b) 810 (c) 909 (d) 809

32.

?	6
150	5

(a) 30 (b) 11 (c) 139 (d) 156

33.

45	2
?	15

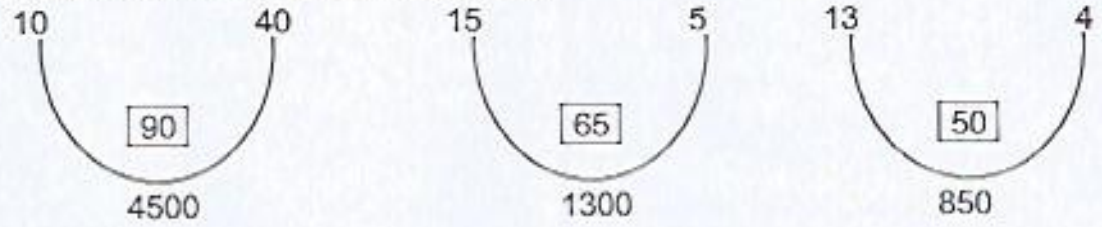
(a) 765 (b) 567 (c) 675 (d) 756

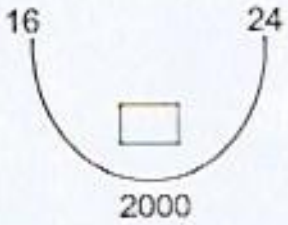
34.

22	?
242	11

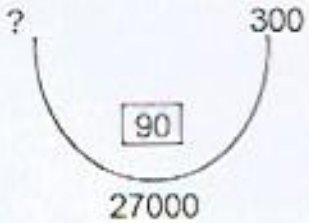
(a) 24 (b) 22 (c) 11 (d) 2

Use the samples below to answer questions 35-37.

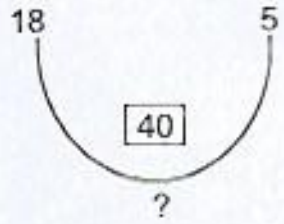


35. 

(a) 50
(b) 500
(c) 5
(d) 5000

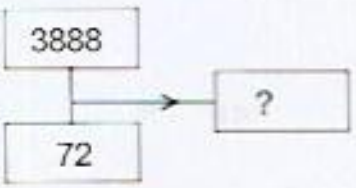
36. 

(a) 36
(b) 63
(c) 30
(d) 3

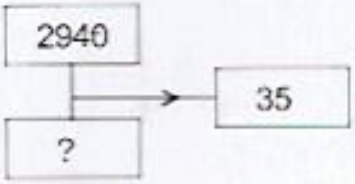
37. 

(a) 1530
(b) 1135
(c) 1035
(d) 1053

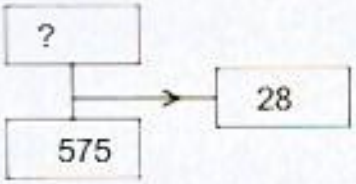
Use the samples below to answer questions 38-40.

38. 

(a) 45
(b) 54
(c) 27
(d) 55

39. 

(a) 48
(b) 38
(c) 88
(d) 84

40. 

(a) 16 100
(b) 16 200
(c) 16 150
(d) 16 250

SECTION C - THEORY

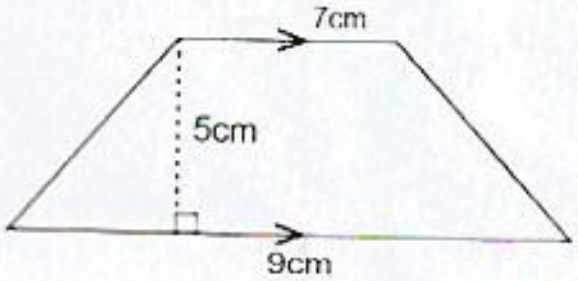
1. (a) A trader bought 1166 guavas and 298 guavas from two farms. He sold 1075, how many guavas were left?

   (b) Find the value of m, if $^{9}/_{8} = {}^{m}/_{24}$

2. Simplify: $7^{1}/_{4} - 3^{2}/_{5} + 4^{1}/_{2}$

   (b) Convert 10111_{2} to base 10.

3. (a)



   (b) Multiply 3.2 by 1.6

4. A car travels 9km using 1 litre of petrol. How much petrol is needed to travel 162km?

   (b) Add together: 2.6 + 0.068 + 1.59

5. Dora drove 79km in 40min. Then 120km in 1 hour and the final 200km took him 1 hour 20 mins. What is her average speed for the whole journey?