

PB PAGEZ EXAMS

END OF 1ST TERM EXAMINATION

SUBJECT: MATHEMATICS– BASIC FIVE (5)

Name..... Date.....

SECTION: A

Answer All Questions from this section

Fin the missing numbers from the following

- 20,000....., 22,000, 23,000, 24,000, 25,000
 - 2,100
 - 21,000
 - 210,000
 - 2,100,1000
- 64,000, 65,000, 66,000,, 68,000, 69,000.
 - 6600
 - 660
 - 66000
 - 660000

Write the following in words

- 1, 234 =
 - One thousand, two hundred and three four
 - One thousand, two hundred and thirty-four
 - One thousand two hundred and thirty-three
 - One thousand two hundred and three five
- 10, 006 =
 - Ten thousand six hundred and six
 - Ten thousand and sixty-six
 - Ten thousand and sixty-one
 - Ten thousand and six

Expand the following

- 43678 =
 - 40000 + 3000 + 6000 + 700 + 80 + 8
 - 40000 + 3000 + 6000 + 700 + 8
 - 4000 + 3000 + 60 + 70 + 8
 - 40000 + 3000 + 600 + 70 + 8
- 9512 =
 - 9000 + 500 + 10 + 2
 - 9000 + 50 + 10 + 2
 - 900 + 50 + 10 + 2
 - 90 + 500 + 100 + 2

Convert the following Hindu Arabic Numerals to the Roman Numerals.

- 69 =
 - LXXI
 - LIXX
 - LXXX
 - LXIX
- 78 =
 - LXXIVV
 - LXXVII
 - LXXVIII
 - LXXXVII

List the set of factors of the following numbers

- 24 =
 - (1, 2, 3, 4, 6, 8, 12, 24)
 - (1, 2, 3, 4, 6, 8, 12, 14, 24)
 - (1, 2, 3, 4, 6, 8, 12, 14, 18, 20, 24)
 - (1, 2, 3, 4, 6, 8, 12, 14, 18, 20, 22, 24)
- 22 =
 - (1, 22)
 - (1, 2, 3, 11, 22)
 - (1m 2, 13, 22)
 - (1, 2, 13, 22)

Add and subtract the following fractions.

- $\frac{3}{4} + \frac{2}{5} = \dots\dots\dots$
 - $\frac{21}{20}$
 - $\frac{20}{20}$
 - $\frac{23}{20}$
 - $\frac{24}{20}$
- $\frac{4}{6} - \frac{1}{3} = \dots\dots\dots$
 - $\frac{1}{3}$
 - $\frac{2}{3}$
 - $\frac{3}{3}$
 - $\frac{1}{3}$

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

Convert the fractions into decimals.

13. $\frac{5}{10} = \dots\dots\dots$

- a. 0.05
- b. 0.0052
- c. 0.0005
- d. 0.5

14. $\frac{3}{10} = \dots\dots\dots$

- a. 0.03
- b. 0.3
- c. 0.003
- d. 0.000.

15. $\frac{8}{100} = \dots\dots\dots$

- a. 0.08
- b. 0.8
- c. 0.008
- d. 0.0008

Solve the following

16. $45.00 + 6.98 = \dots\dots\dots$

- a. 52.98
- b. 50.98
- c. 53.98
- d. 51.98

17. $34 - 32.87 = \dots\dots\dots$

- a. 11.3
- b. 1.13
- c. 113.3
- d. 101.3

18. $10.0008 - 0.007 = \dots\dots\dots$

- a. 9.9938
- b. 99.938
- c. 999.38
- d. 9.993

19. A number which can be exactly divided by 2 without a remainder is.....

- a. Prime number
- b. Odd number
- c. Even number
- d. Counting number

20. Numbers that are multiplied together to get another number is.....

- a. Prime numbers
- b. Odd numbers
- c. Even numbers
- d. Factors of number

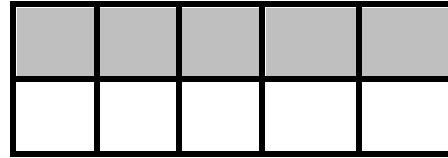
21. A number which is not a multiple of 2 is.....

- a. Prime number
- b. Odd number

- c. Even number
- d. Factors of number

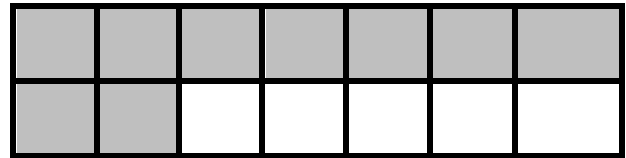
Identify the fraction of the shaded portion

22.



- a. $\frac{4}{10}$
- b. $\frac{5}{10}$
- c. $\frac{6}{10}$
- d. $\frac{7}{10}$

23.



- a. $\frac{7}{14}$
- b. $\frac{8}{14}$
- c. $\frac{9}{14}$
- d. $\frac{10}{14}$

24. Mr. Boateng has 107 sheep, 210 goats and 96 fowls. How many animals has Mr. Boateng?

- a. 513 animals
- b. 709 animals
- c. 413 animals
- d. 613 animals

25. Kokomlemle 1 Primary School has a population of 207 children. If 97 are boys, how many are girls?

- a. 101
- b. 210
- c. 111
- d. 110

26. Madam Christie went to market to buy some items. She bought groundnut paste for GH¢ 10, garden eggs for GH¢ 15, tomatoes for GH¢ 7. How much did she spend?

- a. GH¢ 42.00
- b. GH¢ 32.00
- c. GH¢ 52.00
- d. GH¢ 62.00

Round each number to the nearest ten, hundred and thousand

27. 76 to the nearest ten.....
a. 75
b. 80
c. 85
d. 90
28. 23,658 to the nearest hundred.....
a. 23,600
b. 23,700

- c. 23,800
d. 23,900
29. 29, 504 to the nearest thousand.....
a. 29,000
b. 30,000
c. 40,000
d. 28,000
30. Round up 214765 to the nearest ten.
a. 214760
b. 214760
c. 214770
d. 214700

SECTION: B

Answer THREE (3) questions out of the five questions provided.

Use multi-base block to model the following numbers.

Using cube = 1000, long = 10,000, flat = 100,000.

- 1.a. 126, 000
b. 142, 000
2. Use the prime factorization to determine the **Lowest Common Multiples** (LCM) of **36** and **48**.
3. Use the prime factorization (factor tree method) to find the prime factors of
- a. 24
b. 12

Multiply the following using the lattice approach.

4. a. $45 \times 5 = \dots\dots\dots$
b. $342 \times 53 = \dots\dots\dots$

Solve the following

5. a. $\frac{3}{5} + \frac{4}{6}$
b. $\frac{3}{4} - \frac{7}{10}$