**THE PRESIDENT’S OFFICE**

**MINISTRY OF EDUCATION, REGIONAL ADMINISTRATION AND LOCAL GOVERNMENT**

**BASIC MATHS MID TERM EXAMINATION**

**FORM ONE-MARCH/APRIL-2022**

**Time: 2:30Hours**

**Instructions**

* This paper consists of two sections A and B.
* Answer all questions in all sections
* Show clearly all working for each question

**SECTION   A**

1. Write the following into expanded form a) 720902             b) 53901

1. Write the place value of digits in the brackets

a)      985041        (0)

b)     324001        (2)

      3. Express the following as the product of prime factors

      a) 144       b) 208

4   a) Evaluate      96 – [ (15 – 3) – (45 – 15) ] x 10 +4

a)      What percent of 2.8kg is 70g ?

5. Write the following in the form of  a/b

a)      0.367

b)     06789

6  a)    Represent 7/6 on a number line

b) b) Use number line to multiply -2 x 5

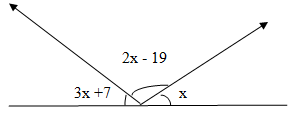
 7.  Change  https://myfiles.space/user_files/47605_0f9e529f89f807df/1584705209_form-1-maths/1584705209_form-1-maths.001.png into    a)Decimal         b) Fraction

 8. Find LCM and GCF of 21, 28, 45 and 36

9. From a rope  https://myfiles.space/user_files/47605_0f9e529f89f807df/1584705209_form-1-maths/1584705209_form-1-maths.002.pngm long, a piece of  https://myfiles.space/user_files/47605_0f9e529f89f807df/1584705209_form-1-maths/1584705209_form-1-maths.003.pngm has been cut off. What is the length of the                                                                                                                                                                                                   remaining piece?

 11. Find value of y in the following equation 3y + 2 = 14

 12.  Find value of x in the below



13.  If 85% of the workers in a factory are males and the number of female is 36. Find total number of workers in a factory.

14. Arrange the following numbers in ascending order

       a) 0.07, -1, 5, -10, 0.5, 0.9

       b) https://myfiles.space/user_files/47605_0f9e529f89f807df/1584705209_form-1-maths/1584705209_form-1-maths.005.png

15. On increasing the price of an article by 6%, the price of an article becomes Sh. 1551. What was the original price of the article?

SECTION B

https://myfiles.space/user_files/47605_0f9e529f89f807df/1584705209_form-1-maths/1584705209_form-1-maths.006.png16. If a – b=2, find value of         25 + 2b + 7 – 2a

                                                               3b – 3a

.

17. a) List all odd numbers between 20 and 40 which are not divisible by 3.

       b) List all prime numbers between 1 and 20

18.  A man is 35 years older than his son. 9 years ago he was six times as old as his son. What is their present age now?

19  Mashaka’s cow produces 19 litres of milk in one day. How many cows should mashaka keep so that he can sell 114 litres in one day? How much money did he get by producing 19 liters’ in a day if 200ml costs Sh. 150/= ?

20     Find      dam      dm    cm

                        18       9         9

                        11        7        5

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