

Name : \_\_\_\_\_ Date : \_\_\_\_\_

**SECTION A( 40 MARKS)**

**ANSWER ALL QUESTIONS**

**Choose the correct answer from the lettered A--C**

1. Find the first four set of multiples of 12.  
a) ( 12,16,18,20)      b) (12,18,24,36)      c) ( 12,24,36,48)
2. Identify the set fo even numbers greater than 10 and less than 20.  
a) ( 12,14,15,16,18)      b) ( 10,12,14,16)      c) ( 11,12,13,14,19)
3. A number can only be divided by 3 if the sum of its digits can be divided by 3.      a) True      b) False      c) None
4. Which of the following numbers is divisible by 2?  
a) 163      b) 1005      c) 1078
5. Find the **H.F.C** for 4 and 6.      a) 6      b) 4      c) 2
6. Add the following.  $\frac{1}{2} + \frac{1}{3} + \frac{1}{4} =$       a)  $\frac{12}{14}$       b)  $2\frac{2}{12}$       c)  $1\frac{1}{11}$
7.  $12 \div \frac{2}{3} =$       a) 15      b) 18      c) 20
8. Simplify  $\frac{1}{2} \div \frac{1}{4} =$       a) 2      b) 3      c) 4
9. Ben has  $2\frac{1}{2}$  pencils and Judith has  $1\frac{1}{4}$ . How many pencils altogether do they have?      a)  $\frac{3}{4}$       b)  $\frac{4}{5}$       c)  $1\frac{2}{4}$

Express the following as mixed fraction.

10.  $\frac{40}{39} =$       a)  $2\frac{1}{9}$       b)  $1\frac{19}{39}$       c)  $1\frac{1}{39}$
11.  $1\frac{7}{3} =$       a)  $5\frac{2}{3}$       b)  $3\frac{2}{5}$       c)  $1\frac{7}{3}$

Write the following fractions in their lowest forms.

12.  $\frac{24}{40} =$       a)  $\frac{3}{5}$       b)  $\frac{3}{40}$       c)  $\frac{3}{6}$

c) Find the **place value** of the underlined digits(5marks)

i) 2001 =

ii) 7015621=

iii) 761=

iv) 345562 =

v) 40 =

d). Arrange the following pairs of fractions in **ascending order**.(3marks)

i)  $\frac{\underline{3}}{7}, \frac{\underline{3}}{4} =$        ii)  $\frac{\underline{21}}{23}, \frac{\underline{21}}{24} =$        iii)  $\frac{\underline{43}}{45}, \frac{\underline{42}}{45} =$

e) Arrange the following in **descending order**. (2marks)

$\frac{\underline{8}}{9}, \frac{\underline{7}}{9}, \frac{\underline{6}}{9} =$

13.  $2/12 =$  a)  $1/12$  b)  $2/8$  c)  $1/6$
14.  $4/5 \times 1/5 =$  a)  $4/25$  b)  $5/24$  c)  $1/6$
15. What is the place value of the underlined digit? 94,261  
 a) 400 b) 40 c) 4,000
16. The **L.C.M** of 4 and 6 is\_\_\_ a) 12 b) 14 c) 16
17. List the composite numbers between 1 and 10.  
 a) ( 1,2,4,9) b) ( 2,6,8) c) ( 4,6,8)
18. Which of the following is an odd number? a) 12 b) 19 c) 20
19. Arrange the following in ascending order.  $3/6, 4/6, 5/6$   
 a)  $4/6 < 3/6 < 5/6$  b)  $3/6 < 4/6 < 5/6$  c)  $5/6 < 4/6 < 3/6$
20. Simplify the following fraction,  $3 \frac{1}{2} + 2 \frac{1}{4} =$   
 a)  $5 \frac{3}{4}$  b)  $5 \frac{2}{4}$  c)  $5 \frac{4}{4}$

**SECTION B (60MARKS)**

**NB** Write all your answers in the spaces provided on each question

**Simplify the following**

- 1a)  $20/15 \div 2/5$  (5marks) c)  $11 \frac{9}{10} + 13 \frac{3}{8}$  (5marks)  
 =  =
- b)  $3/5 \times 3/4$  (5marks) d)  $7/8 + 9/10 + 8/20$  (5marks)  
 =  =

2a) Abena Kwabena ate  $4/7$  of a cake. Find the fraction of the cake left.(5marks)

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b) Find the sum of  $1/4, 3/5$  and  $2/3$  ( 5marks)

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c) Arrange  $3/11, 5/11, 19/11$  in ascending order.(5marks)

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d) Express the following as mixed fraction.(5marks)

$\frac{108}{70} =$

e) Simplify  $1 \div \frac{22}{28}$

$\frac{2}{28} =$

3a). Find the even numbers between 10 and 40( 5marks)

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b). Find the set of composite numbers greater than 20 and less than 50.

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