

SECOND TERMINAL EXAMINATION

MATHEMATICS

MARKS: 50

TIME: 2hrs

STD: IV

Name: \_\_\_\_\_ Roll No. : \_\_\_\_\_

1. Fill in the blanks (4 marks)

- a) \_\_\_\_\_ is the straight path joining two points.
- b) Dividend = ( divisor x \_\_\_\_\_ ) + remainder.
- c) \_\_\_\_\_ is the factor of every number.
- d) \_\_\_\_\_ is neither a prime nor a composite number.
- e)  $8965 \div 100$       Q = \_\_\_\_\_ R = \_\_\_\_\_.
- f) \_\_\_\_\_ lines meet at a point.
- g)  $\frac{8}{11} + \frac{2}{11} =$  \_\_\_\_\_.

2) Divide. (3 marks)

- a)  $7872 \div 8$       b)  $123 \div 11$

3) Write 8 multiples of 7. (2 marks)

4) Find HCF of 24 and 30 by listing out all the factors (3 marks)

5) Find LCM of 36 and 64 by prime factorisation method (3 marks)

6) Test the divisibility of 84563 by 9 and 2985 by 5 (3 marks)

7) Write 4 equivalent fractions of  $\frac{3}{8}$  by method of multiplication. (2 marks)

8) Write 3 equivalent fractions of  $\frac{16}{64}$  by method of division (3 marks)

9) Check if the following fractions are equivalent fractions (3 marks)

a)  $\frac{5}{18}$  and  $\frac{10}{50}$

10) Write in ascending order  $\frac{4}{6}$ ,  $\frac{5}{8}$ ,  $\frac{7}{12}$  (3 marks)

11) Do as directed.

(6 marks)

a) Convert  $\frac{27}{7}$  into mixed fraction

b) Write the composite numbers between 1 and 10

c) Find the factors of 36

d) Subtract  $\frac{12}{17} - \frac{3}{17}$

e) Reduce  $\frac{20}{25}$  to the simplest form.

f) Separate these fractions into proper fractions and improper fractions.

$$\frac{4}{5}, \frac{5}{7}, \frac{9}{9}, \frac{13}{8}$$

12) Find the quotient and check your answer

(3 marks)

$$4818 \div 4$$

13) Prime factorize and find HCF of 42 and 56.

(3 marks)

14) Find one seventh of 56.

(2 marks)

15) Solve the following

1. Tom ate  $\frac{1}{5}$  of a pizza while Jerry ate  $\frac{2}{5}$  of it. How much did they eat together? (2 marks)

2. There were 936 beads that had to be distributed equally among 6 students for a maths activity. How many beads did each student get? (3 marks)

3. Abbas could finish  $\frac{5}{9}$  of a work on Monday and  $\frac{7}{9}$  on Tuesday. Which day did he do more work and by how much? (3 marks)