ANGEL'S PUBLIC SCHOOL

SAMPLE PAPER

HALF YEARLY EXAM **SESSION 2024 – 25** CLASS – V SUBJECT : MATHEMATICS TIME: 3 HRS **M.M:80** 1. Choose the correct option. (Do any 12) (12X1=12)(a) A number is divisible by 10, then it will be divisible by _____ and ____.as well. (ii) 2,5 (i) 3,5 (iii) 7.10 (b) Prime factorization can be checked by multiplying all the factors. The product should be equal to the (i) given number (ii) one (iii) two (c) _____ is the number that is divisible by 9 (i) 118 (ii) 80 (d) $\frac{71}{3}$ in improper fraction can be written as _____. (iii) 54 $(i) \frac{71}{3}$ (iii) $\frac{20}{3}$ (ii) $\frac{22}{3}$ (e) ______ is the even factor of all the numbers. (ii) 1 (iii) 2 (i) 0 (f) 126 is divisible by _____. (ii) 10 (iii) 2 (i) 5 (g) Product of two numbers = HCF X _ (i) One number (ii) other number (i) One number (ii) 2 (i) One number (ii) 2 (i) $\frac{13}{10}$ can be written in mixed reaction as _____. ~ 10 (ii) $1\frac{3}{10}$ (iii) LCM (iii) 1 $(iii) \frac{1}{3}$ (j) Fraction $\frac{2}{5} \times \frac{2}{25} =$ _____. (i) $\frac{4}{125}$ (ii) $\frac{4}{1000}$ (k) The lowest form of the fraction $\frac{27}{63}$ is _____. (i) $\frac{3}{7}$ (iii) $\frac{9}{21}$ (iii) $\frac{4}{100}$ (iii) 1 (I) The reciprocal of $\frac{5}{13}$ is (i) $\frac{13}{5}$ (iii) $\frac{5}{13}$ (ii) 1 (m) _____ is the lowest and the only even prime number. (i) 1 (ii) 2 (iii) 0

2. Fill in the blanks. (Do any 10)	(10x2=20)
(a) $\frac{4}{7}$ is fraction.	
(b) Write the equivalent fraction of $\frac{6}{15}$	
(c) A number which has more than two factors is called a	
(d) The multiples of two are called numbers.	
(e) The first five multiples of 25 are	
(f) Prime factors of 91 are (g) In all the fractions $\frac{4}{5}$, $\frac{3}{15}$, $\frac{4}{6}$, $\frac{35}{7}$ is in its simplest form.	
(g) In all the fractions $\frac{1}{5}$, $\frac{3}{15}$, $\frac{3}{6}$, $\frac{35}{7}$ is in its simplest form.	
(h) Common factor of 42 and 22 are and	
(i) To add or subtract like fractions, we have to add or subtract the numerators and keep	the
as it is.	
(j) $\frac{2}{100} \div \frac{5}{100} =$	
(k) The numbers that are multiplied to get the are called its factors.	
3. Solve. (Do any 6)	(6x4=24)
(a) Divide $\frac{18}{6} \div 2$.	
(b) Multiply: $\frac{15}{9} \times \frac{3}{20}$.	
(c) Find LCM of 27, 54, 63.	
(d) Find HCF by long division method of. 35, 95.	
(e) Subtract it: $3\frac{3}{4} - \frac{7}{10}$.	
(f) Compare pairs of fraction and put>,< or = in the blank.	
(i) $\frac{5}{18} \frac{7}{19}$ 14	
(ii) $\frac{12}{12}$ $\frac{14}{14}$	
(ii) $\frac{12}{15} - \frac{14}{16}$ (g) Add it : $\frac{8}{3} + \frac{7}{9}$	
5 5	
(h) How much is $\frac{16}{9}$ of $\frac{18}{4}$?	
4. Solve. (Do any 4)	(4x6=24)
(a) Find the HCF of 25,35.	
(b) Find LCM of 14,16,8 by short division method.	
(c) Sort the numbers 83, 11, 94, 29 as prime or composite. (Write Divisibility Rule also).	
(d) Find the first four multiples of 15 and check whether they are odd or even .	
(e) Simplify: $\frac{5}{4} \times \frac{7}{8} \times 14$.	
(f) Add the mixed numbers and write the answer in simplest form.	
$5\frac{2}{2}$ and $3\frac{7}{2}$.	

 $5\frac{2}{3}$ and $3\frac{7}{8}$.