INDIAN SCHOOL DARSAIT
TERM I- SEPTEMBER 2017
SAMPLE PAPER
MATHEMATICS

Class: V Sec: …. Max.Marks:50
Date: …….. Time: 2hrs
Name: …….. Roll No:……

General Instructions

1. All the questions are compulsory
2. Answer all questions in a separate paper

Q.I Fill in the blanks. (1 × 8 =8)

a) 3,70,070 comes just after _____

b) Place of the digit " 9 " in the number 1,30,90,650 is _____

c) The smallest multiple of 13 is _____

d) The smallest even composite number is _____

e) $\frac{2}{7} \times \frac{7}{2}$ = _____

f) 25 × 4 × 10 = _____

g) Compare: $\frac{4}{9}$ _____ $\frac{3}{8}$

h) 12 ÷ $\frac{2}{3}$ = _____

Q.II Choose the correct option. (1 ×7 =7)

a) 90 × 2 × 1 × 0 = _____

i) 180 ii) 0 iii) 18 iv) 1800

b) Rina scored 1, 80, 040 points in a video game. Which of the following expressions below is equal? to 1,80,040 ?

i)1,00,000+80,000+4 ii) 1,00,000+8,000+40 iii) 10,000 + 80,000 +40 iv) 1,00,000 +80,000+40

c) Common factors of 9 and 15 are

i) 1, 3, 9 ii) 1,3,5,9,15 iii) 1,3 iv) 1,3,5

d) The prime numbers between 40 and 50 are

i) 41, 47, 49 ii) 41, 43, 47 iii) 41,43,45,47 iv) 41,43

e) Equivalent fraction for $\frac{9}{11}$ is

i) $\frac{18}{20}$ ii) $\frac{27}{33}$ iii) $\frac{19}{22}$ iv) $\frac{36}{40}$

f) LCM of 3 and 8 is _____

i) 3 ii) 32 iii) 24 iv) 16

g) 5th multiple of 14 is

i) 85 ii) 80 iii) 90 iv) 70

Q.III Do as directed. (2 × 10 =20)

a) Find the sum of the place value of the digit 4 & 7 in the number 7,14, 350.

b) Find the first 3 multiples of 14.

c) Find HCF of 12 and 16 by listing method

d) Divide : $12\frac{1}{2} \div 5$

e) Check the divisibility rule for 6 for the number 416.

f) Write **E** for equivalent and **NE** for not equivalent. : i) $\frac{4}{7}, \frac{3}{5}$ ii) $\frac{6}{21}, \frac{2}{7}$

g) Write the prime factorization of 64 using division method

h) Multiply: 360 × 154

i) Add: $5\frac{2}{3} + 2\frac{1}{3}$

j) Circle the fractions which are in reduced form. $\frac{2}{6}, \frac{1}{7}, \frac{9}{11}, \frac{3}{12}, \frac{11}{13}, \frac{5}{15}, \frac{4}{17}$

(3 × 5 =15)

Q. IV Solve.

a) Multiply : $\frac{6}{21} \times \frac{14}{24}$

b) A man earns ₹ 5550 per month. How much will he earn in 2 years ?

c) Find HCF and LCM of 32 and 40.

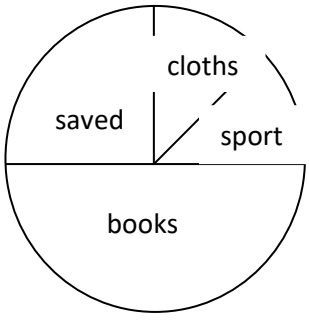
d) Prateek studied $6\frac{1}{3}$ hours in one week and $4\frac{4}{3}$ hours the next week. How much longer did he study in the first week ?

e) The number of students in each class in a school is as following.

Class I – 30 , Class II – 42, Class III – 40 , Class IV – 38 , Class V – 45

Build a tally chart and represent the above data by drawing tally marks. Also find the total number of students in a school

OR



Meenu made a circle graph of how she spent ₹ 1000.

a) How much money was used on buying clothes? _____

b) How much money spent on books? _____

c) Money spent on sports and books together is _____

d) How much money was saved? _____