Class - V
Sub - Maths

Emmanuel School, Motihari.
Assignment - 6
Page - 49 to 55

(1) Find first 5 common multiples of the following:
(a) 14 and 21 (b) 15 and 25 (c) 20, 25 and 30

(2) By Prime factorization method, find the L.C.M of the following numbers:
(a) 30 and 186 (b) 45, 36 and 28 (c) 24, 36, 48 and 54

(3) Find the L.C.M of the following numbers:
(a) 24, 36 and 32 (b) 40, 60, 75, 120 and 150.

(4) After finding H.C.F. find the L.C.M. of the following numbers
(a) 435 and 609 (b) 2058 and 1176 (c) 2059 and 2349

(5) Find the L.C.M. of the following fractions:
(a) $\frac{9}{16}$, $\frac{27}{40}$ and $\frac{35}{56}$ (b) $\frac{20}{39}$, $\frac{40}{91}$, $\frac{25}{78}$ and $\frac{2}{13}$

(6) Find the H.C.F of the following fractions:
(a) $\frac{3}{25}$, $\frac{7}{30}$, $\frac{8}{45}$ and $\frac{4}{15}$ (b) $\frac{6}{25}$, $\frac{9}{50}$, $\frac{8}{125}$ and $\frac{3}{5}$

(7) The L.C.M and H.C.F of two numbers are 15028 and 68 respectively. If the first number be 884, what will be next one?

(8) If two numbers are 351 and 543. Show that the product of these two numbers is equal to the product of their L.C.M. and H.C.F

(9) Find the greatest number of 5 digits which when divided by 10, 12, 16 and 20 leaves 8, 10, 14 and 18 as remainder respectively.

(10) An auditorium is 80 m long, 32 m wide and 12 m high. Find the maximum length of a rod which can exactly measure its dimensions.

By
Ajay Kumar.

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Class-V
Sub - Maths

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Assignment - 7
Page - 55 to 65

(1) Find the smallest number of 6 digits which when divided by 25, 35, 42, 50 and 60 leaves 1 as remainder in each case.

(2) The cost of a chair is Rs. 225 and that of a table is Rs 300. What minimum amount should a man have so that he can buy an exact number of either chairs or tables?

(3) Express each of the following fractions into its lowest form:

(a) $\frac{95}{152}$ (b) $\frac{162}{306}$ (c) $\frac{525}{1200}$

(4) Write 4 equivalent fractions for each of following:

(a) $\frac{5}{7}$ (b) $\frac{10}{11}$ (c) $\frac{9}{13}$

(5) Convert the following fractions having numerator given in the bracket for each:

(a) $\frac{15}{17}$ (30) (b) $\frac{25}{40}$ (5) (c) $\frac{85}{110}$ (17)

(6) Arrange the following fractions in ascending order:

(a) $\frac{8}{21}, \frac{16}{21}, \frac{19}{21}, \frac{5}{21}$ and $\frac{13}{21}$

(b) $3, \frac{5}{18}, 4\frac{5}{9}, \frac{7}{12}$

(7) Convert each set of fractions into like fractions:

(a) $\frac{13}{15}, \frac{4}{5}, \frac{16}{25}$ and $\frac{2}{3}$

(b) $\frac{2}{27}, \frac{5}{9}, \frac{14}{54}, \frac{2}{3}$ and 2.

(8) Add

(a) $2\frac{1}{7} + 4\frac{3}{7} + 1\frac{5}{7}$ (b) $6\frac{3}{10} + 2\frac{7}{15} + 4\frac{7}{12}$

(9) Find the difference.

(a) $\frac{9}{14} - \frac{23}{28}$ (b) $10\frac{3}{4} - 8\frac{2}{3}$

(10) Simplify:

(a) $4\frac{3}{5} + 7\frac{1}{2} - 8\frac{3}{4}$ (b) $2\frac{3}{16} - 1\frac{9}{24} + \frac{11}{12}$

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Class - V
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Assignment - 4
Page - 29 to 41

(1.) Write the answer: Dividend = 13991135 Divisor = 6980, Quotient = 2004, Remainder = ?

(2.) If 1285 is subtracted from the smallest number of 7 digits the remaining number is completely divisible by 695. Find the quotient.

(3) A factory produces 25683 bolts a day. How many bolts will it produce in a leap year if there will be 85 holidays in the year?

(4) The cost of a ceiling fan is Rs. 1165.65. A man bought 9 dozens of fans to sell. How much did he pay for it?

(5) A factory produce 3975 toys daily. How many days will be taken to produce 1228275 toys?

(6) Write the definition:
(i) Whole numbers (ii) Multiples (iii) Factors
(iv) Prime numbers (v) Composite numbers.
(vi) Twin primes (vii) Co-Primes.

(7) Write the rules of divisibility of 3, 4, 6, 7, 8, 9 and 11.

(8) which two numbers nearer to
(a) 4167 are divisible by 4 (b) 25614 are divisible by 5.

(9) Write prime numbers between 40 and 80 and odd composite numbers between 40 and 70.

(10) Fill in the blanks.
(a) Every number is a multiple as well as a _____ of itself.
(b) _____ is an _____ but a prime number.
(c) The smallest Prime number of two digits is _____

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Class - V
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Emmanuel School, Motihari.
Assignment - 5.
Page - 41 to 47

(1.) Write the common factors of 36 and 72
(2.) Write the first three multiples of 12 and 18.
(3.) Write down the square of first twenty natural numbers.
(4) By prime factorization find the square root of 784 and 1024.
(5) Find the H.C.F. of (a) 24 and 50 (b) 8, 12 and 40 by finding their common factors.
(6) Find the H.C.F of the following by factorization method: (a) 225 and 450 (b) 531, 726 and 984
(7) Reduce the following into their lowest term:
(a) $\frac{540}{1395}$ (b) $\frac{1430}{4345}$ (c) $\frac{966}{1081}$
(8) Find the greatest number which divides 504, 630 and 1386 without leaving remainder
(9) Find the greatest number which divides 394 and 506 leaving 10 as remainder in each case.
(10) Find the greatest number which divides 473 and 822 leaving 5 and 6 as remainders respectively

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Class - V
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Assignment - 4
Page - 29 to 41

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Class - V
Sub - Maths.

Emmanuel School, Motihari.
Assignment - 5.
Page - 41 to 47

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Class - V
Sub - Maths

Assignment - 1
Page - 9 to 16

(1.) Write the following numerals in words.
(i) 72 90 02 356 (ii) 5 00 50 505 (iii) 275 24 65 319

(2.) Write the following numbers in numerals.
(i) Fifty - three lakh five hundred five.
(ii) Ninety one crore seventy - five lakh two hundred sixty - nine.
(iii) Seventy - one lakh seventy - four thousand two.

(3.) The population of India became 105 32 67 183 in 2002. How can this population be expressed in words.

(4.) Fill in the blanks.
(i) 10 million = _____ Crore (ii) 1 million = _____ lakh
(iii) 1 billion = _____ million.

(5.) Use periods and places rewrite the given numerals in International numeration in figures and words both.
(i) 1 25 46 28 347 (ii) 57 62 56 309 (iii) 52 61 00 380

(6) Arrange the following numerals in ascending order
(i) 5 61 29 195, 9 32 49 306, 2 90 21 308, 4 00 24 180, 70 00 804

(7) Write any numeral of 8 different digits. Write another numeral by reversing the digits. Find which of the two numerals is greater.

(8) Write the following numerals in expanded form.
(i) 4 89 03 216 (ii) 5 60 00 819 (iii) 97 21 61 418

(9) Write the place value of the digits underlined in each case.
(i) 20 4 8937 (ii) 8 7621967 (iii) 45 68932

(10) Write the following in short form.
(i) 40 00 000 + 5 00 000 + 20 000 + 1 000 + 200 + 80 + 5
(ii) 90 00 000 + 8 000 + 700 + 1
(iii) 50 00 00 000 + 20 00 000 + 4 00 000 + 60 000 + 1 000 + 300 + 70 + 5

By
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Class - V
Sub - Maths.

Assignment - 2
Page - 17 to 22

(1.) Write the successor and the Predecessor of the following numerals:
(a) 4 5 6 8 1 2 1 7 (b) 50 00 00 000 (c) 44 81 56 000

(2.) Arrange the following in descending Order:
(a) 35 49 25 7, 40 40 004, 50 05 050, 47 59 950, 36 20 195.
(b) 56 29 15 176, 47 56 25 609, 49 09 20 156, 60 06 02 360, 50 09 92 988

(3.) Write the smallest and the largest numerals using each of the following digits only once.
(a) 2, 7, 6, 8, 5, 9 (b) 8, 7, 6, 4, 3, 2, 5, 0 (c) 8, 1, 7, 9, 3, 6, 4, 5

(4.) Add the following:
(a) 8 30 21 941, 7, 29 34 067, 76 62 145, 4993.
(b) 98 321, 4 69 831, 78 19 042, 8 24 60 564

(5.) If a number is 25 60 189 more than 76 05 217, find the number.

(6.) Find
(a) 4 00 00 000 − 3 99 98 561
(b) 49 20 5 678 − 29 76 843

(7.) The sum of two numbers is 92 14 67 390. If one of them is 92 18 563 find the other.

(8.) If 32 16 487 is added to a number, the sum will be the smallest number of 8-digits, find the number.

(9.) Subtract the sum of 95 21 876 and 2 15 942 from 1 29 87 687

(10.) In three consecutive years, the production of tea in a country was 12 36 561, 10 97 876 and 12 40 507 tonnes respectively. Find the total population of tea during these three years.

By - Ajay Kumar.

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Class-V Emmanuel School, Motihari

Sub-Maths. Assignment - 3.

Page - 23 to 29

(1.) The sum of three numbers is 4 25 15 256. If two of them are 2 87 10 165 and 92 40 367, find the third number.

(2.) The difference of two numbers is the largest number of 5 digits. If the bigger number is the smallest number of 7 digits, find the smaller number.

(3.) In an election, 17 85 436 persons had casted their votes for different parties, but out of them 19 209 votes were found invalid. Find the number of valid votes.

(4.) Simplify.

(a) 40 72 216 − 15 92 388 + 8 27 125

(b) 62 57 894 + 2 15 325 − 45 92 874

(5) Replace each star (*) by correct digit:

(a)
$$\begin{array}{r} 9*8*7425 \\ +28*43*6* \\ \hline 1*6528*03 \end{array}$$

(b)
$$\begin{array}{r} ********* \\ -2946705 \\ \hline 90728853 \end{array}$$

(6) Multiply directly:

(a) 764 × 400 (b) 7500 × 600 (c) 250 × 400 × 20

(7) Find the continued product:

(a) 182 × 38 × 54 (b) 451 × 932 × 214

(8) Without doing proper division, write the quotient and the remainder:

(a) 5698 ÷ 100 (b) 85 92 628 ÷ 10 000

(9) Divide the greatest number of 9 digits by the greatest number of 3 digits.

(10.) Divide and check your answer.

(a) 6 94 163 ÷ 364 (b) 16 57 274 ÷ 789

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