DELHI PUBLIC SCHOOL, DURGAPUR

QUESTION BANK & REVISION SHEET (2018-19)

PERIODIC ASSESSMENT II

CLASS-V (MATHEMATICS)

LARGE NUMBERS

1. onemillion = _____ lakhs.
2. International system each period consists of _____ digits.
3. Write the number name in both Indian and International system a) 78900512 b) 98985421
4. Divide the place value of 9 in4, 24,956 by successor of 999.
5. How much is 7 million more than four lakh forty two thousand.
6. Divide and verify your result. a) 80, 80,071 by 221 b) 4, 08,145 by923
7. Divide the greatest 7 digit number by predecessor of smallest 5 digit number.
8. Whatmust 468 be multiplied by to give 103896?
9. A ship can carry 879 people at a time. There are 12,306 people to be carried. How many times must the ship go so that all the passengers could be carried?
10. Subtract 15, 55,985 from 5, 85, 00,140 and check your answer with addition.
11. Simplify 32, 77, 72,537 – 59, 25,887 + 56, 78,221
12. How many pile of tiles can be made from half a million tiles if each pile contains 147 tiles?
13. Round off the numbers
    a) 3489752 to nearest lakh b) 55887432 to nearest 100 c) 1185466 to nearest 10,000
14. The cost of a Mobile phone is Rs 28,400 .What will be the cost of 4,878 Mobile phones?
15. In a division sum the divisor is 105 and the remainder is 42.If the quotient is 603, find the dividend.
16. Round the number to nearest 10 a) 1556 b) 5467 c) 2753 d) 3245

FACTOR AND MULTIPLES

1. The smallest prime and natural numbers with only 1 as a smallest composite numbers are _____ and ___
2. Two natural numbers with only 1 as a common factor is called as _____.
3. Find the prime factors of 144.
4. Find all prime numbers between 1 to 20.
5. Find HCF of 27 and 45 by factor method.
6. Find HCF of 391,425,527 by division method.
7. Find LCM of 54,108,198 by common division method.
8. The product of two numbers is 2560 and their LCM is 320.Find their HCF?
9. The HCF and LCM of two numbers are 131 and 8253 respectively.If one of the numbers is 917 , find the other.
10. Find the least number to be filled in 879_2 in to make it divisible by3
11. Check if 98994 is divisible by 18
12. Write all the multiples of 17 between 66 to 99.

13. Use prime factorization to find HCF of a) 45, 36 b) 47, 39 c) 33, 36, 15

14. There are 12 boys and 18 girls in a classroom. For a class trip, they need to be split up into the largest possible even groups. How many groups are there?

15. Usha is thinking of a number that is divisible by both 19 and 9. What is the smallest possible number that Usha could be thinking of?

FRACTIONS

1. A fraction with numerator 1 is called as _____
2. Fractions with same denominators are called as _____ fractions.
3. Fractions with a whole number part and a proper fraction are called as _____ fractions
4. Write 4 equivalent fractions of $\frac{3}{4}$
5. Arrange in ascending order $\frac{2}{5}$, $\frac{7}{10}$, $\frac{11}{15}$ and $\frac{17}{30}$
6. Write as a mixed fraction $\frac{81}{11}$
7. Compare the given fractions $\frac{7}{8}$ and $\frac{9}{10}$
8. Reduce to lowest terms $\frac{60}{105}$
9. Add $2+3\frac{2}{3}+1\frac{5}{6}$
10. Subtract $6\frac{2}{3} - 3\frac{3}{4}$
11. Mrs Sharma bought $7\frac{1}{2}$ litres of milk. Out of this milk $5\frac{3}{4}$ was consumed. How much milk is left with her?
12. The weight of an empty gas cylinder is $16\frac{4}{5}$ kg and it contains $14\frac{2}{3}$ kg of gas. What is the weight of the cylinder filled with gas?
13. Multiply $\frac{7}{11} \times \frac{33}{56} \times \frac{14}{44}$
14. Find the quotient $16 \div 2\frac{2}{15}$
15. Find $\frac{4}{5}$ of 2000.
16. How many fourths are there in $5\frac{1}{4}$?
17. In a school there are 1200 students, out of which 550 are girls. What fraction of the total are boys?
18. Find a) 1/12 of an hour b) 2/7 of a week c) 2/5 of an hour

19. It takes Julia $\frac{1}{2}$ hour to wash, comb her hair and put on her clothes, and $\frac{1}{4}$ hour to have her breakfast. How much time does it take Julia to be ready for school?

20. Aneesha has 72 sweets in a bag. She keeps $\frac{1}{4}$ of them for herself and shares the rest with friends. How many sweets will she give to her friends?

21. Samir swims a race in 29 $\frac{3}{10}$ seconds. Pranav swims the race in 33 $\frac{9}{10}$ seconds. How much faster was Samir thanPranav?

SIMPLIFICATION

1. $5\frac{1}{2}$ of $(\frac{2}{3} - \frac{3}{5}) + \frac{1}{2} \div \frac{5}{11}$
2. $14 - [12 - \{9 - (7 - 6)\}]$
3. $\frac{7}{10} - \{3\frac{3}{10} \div (2\frac{4}{5} - \frac{7}{10})\}$
4. $16+8 \div 4 - 2 \times 3$
5. $19-[4 + \{16 - (12 - 2)\}]$
6. $53.5 - 34.68 + 64.75 - 28.9$
7. $25-[10- \{15\div (8 - 5)\}]$
8. $\frac{12}{7}$ of $21 + \frac{15}{4} \div \frac{3}{7} - \frac{4}{3}$

DECIMALS

1. Write in expanded form 145.632
2. Write in decimal form 5000+500+20+0.4+0.03+0.005
3. Write as Fraction in simplest form 0.65
4. a) 0.5 + 1.79 = ___
   b) 7.3, 1.25, 6.395 are _____ decimals.
   c) 84.16 +0 .28 + 1.489 =
   d) Subtract 38.97 from 59
   e) 1.67 x 3.2 =
5. Write in ascending order 0.068, 0.850, 0.008, 0.088
6. Add 42.8, 36.23, 7.68 and 0.7
7. Subtract 127.38 from 216.2
8. Multiply 143.06 by 42
9. Multiply a) 0.05 x 0.01 x 0.002 b) 0.11 x 0.11 c) 234.8 x 1000
10. Divide a) 262.85 by 35 b) 0.28 by 1000 c) 4479.9 by60 d) 280 by 1.4
11. By how much should 23.665 be increased to get 40?
12. If the school bags of Ramesh and Ajit weigh 5.85 kg and 4.95 kg respectively, whose bag is heavier and by how much?
13. How many pieces of curtain each 1.3 m long can be cut from a cloth of 5.5 m length?
14. Weight of a cylinder is 143.89 kg. Find the weight of another cylinder which is 1.5 times heavier than the first one.

15. Find the value of $\frac{3}{4}$ of 0.096 kg.

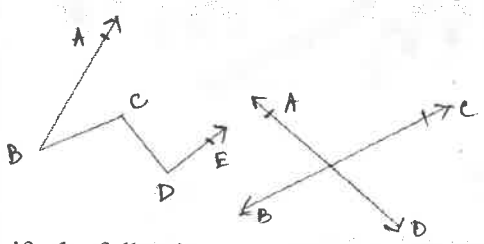
16. Cost of 42 toys is Rs 5302.50.Find the cost of one toy?

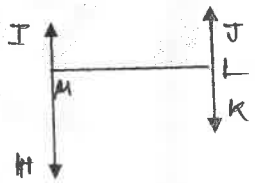
17. During three days, you drive 15.4 km, 24.2 km, and 7.5 km. How many km did you drive during those three days?

18. Manish need to order two curtains for each of 15 doors. Each curtain costs Rs 225.75. How much will the curtains cost?

GEOMETRY

1. A Straight line that has one end point and goes on in one direction is called _____
2. When two rays meet at a common end point _____ is formed.
3. How many degrees are there in a straight angle.
4. Parallel lines make a _____ angle with each other.
5. Name the rays and line segment in the figures.





6. Classify the following angles as acute, obtuse, right, straight or reflex
   79^0 , 189^0 , 206^0 , 90^0 , 180^0 , 89^0
7. What are the angles formed by the hour and minute hand of a clock at 2.45 P.M and 6.15 A.M respectively.
8. Construct angles of 180^0 , 150^0 , 90^0 with protractor name them and classify their types.
9. Name the parallel and perpendicular lines in the figure. Also find the acute, obtuse and right angles in the figure.
10. The sum of the angles of a triangle is _____
11. A triangle cannot have more than ___ obtuse angle.
12. Can two acute angles be put together to form a straight angle? Give reasons.

SYLLABUS PAII : LARGE NUMBER,OPERATION ON LARGE NUMBER , FACTORS AND MULTILES ,FRACTION ,DECIMALS, SIMPLIFICATION, BASIC GEOMETRY,