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(ISO 9001 : 2015)

Summer Vacation Assignments : 2019-20

Class VIII **Subject: Mathematics**

SECTION –A (FIXED RESPONSE TYPE)

OBJECTIVE QUESTIONS

1. Which of the following is prime

(A) 141 (B) 241 (C) 341 (D) 441

2. Which of the following natural numbers is neither prime nor composite.

(A) 0 (B) 1 (C) 2 (D) None

3. The reciprocal of a negative rational number :

(A) is a positive rational number
(B) is a negative rational number
(C) can be either a positive or a negative rational number
(D) does not exist

4. Lowest form of $\frac{-219}{365}$.

(A) $-\frac{73}{125}$ (B) $-\frac{3}{5}$ (C) $\frac{3}{5}$ (D) None of these

5. $|-138|-|-243| = ?$

(A) 105 (B) 381 (C) –381 (D) – 105

6. Which of the following is (are) greater than x when $x = \frac{9}{11}$?

(i) $\frac{1}{x}$ (ii) $\frac{x+1}{x}$ (iii) $\frac{x+1}{x-1}$

(A) (i) only (B) (i) and (ii) only (C) (i) and (iii) only (D) (ii) and (iii) only

7. Arrange the following fractions in ascending order $\frac{3}{7}, \frac{4}{5}, \frac{7}{9}, \frac{1}{2}$.

(A) $\frac{4}{5}, \frac{7}{9}, \frac{3}{7}, \frac{1}{2}$ (B) $\frac{3}{7}, \frac{1}{2}, \frac{7}{9}, \frac{4}{5}$ (C) $\frac{4}{5}, \frac{7}{9}, \frac{1}{2}, \frac{3}{7}$ (D) $\frac{1}{2}, \frac{3}{7}, \frac{7}{9}, \frac{4}{5}$

8. Multiplicative inverse of $\frac{3}{5}$ is :

(A) 1 (B) 0 (C) $\frac{-3}{5}$ (D) $\frac{5}{3}$

9. What number should be subtracted from – 5 to get $\frac{8}{9}$.

(A) $\frac{-53}{9}$ (B) $\frac{37}{9}$ (C) $\frac{9}{37}$ (D) $\frac{-9}{37}$

10. If x/y = 6/5 then $\frac{x^2+y^2}{x^2-y^2}$ is :

(A) $\frac{36}{25}$ (B) $\frac{25}{36}$ (C) $\frac{11}{61}$ (D) $\frac{61}{11}$

11. The product of a non – zero rational number with an irrational number is :
(A) Irrational number (B) Rational number (C) Whole number (D) Natural number

12. If $\frac{3}{11}$ of a number is 22, what is $\frac{6}{11}$ of that number ?
(A) 6 (B) 11 (C) 12 (D) 44

13. How many rational numbers exist between any two distinct rational numbers ?
(A) 2 (B) 3 (C) 11 (D) Infinite

14. Rational number between 1 and 2
(A) $\frac{5}{6}$ (B) $\frac{6}{5}$ (C) $\frac{3}{7}$ (D) $\frac{7}{3}$

FILL IN THE BLANKS

1. All natural numbers that have one and itself as their only 2 distinct factors are prime no.

2. $\frac{5}{11}$ is Non-terminating and recurring decimal

3. Lowest form of 8/12 is 2/3.

4. $\frac{3}{7}\times\frac{5}{8} = \frac{3}{7}$ x 5/8.

5. $\frac{3}{7}\times\left(\frac{5}{8}+\frac{4}{7}\right) = \frac{3}{7}\times\frac{5}{8}+\frac{3}{7}\times$ 4/7

6. $\frac{37}{58}\times$ 58/37 = 1.

7. $\frac{4}{9}\times$ 1 $= \frac{4}{9}$.

8. $\frac{-5}{9}+$ 5/9 = 0.

9. Additive inverse of 5 is -5 .

10. Product of 2/3 and –3/2 is -1 .

17. **(i)** Which rational number is its own additive inverse ?
(ii) Is the difference of two rational numbers a rational number ?
(iii) Is addition commutative on rational numbers ?
(iv) Is addition associative on rational numbers ?
(v) Is subtraction commutative on rational numbers ?
(vi) Is subtraction associative on rational numbers ?
(vii) What is the negative of negative rational number ?

18. The cost of $3\frac{7}{9}$ m cloth is Rs $212\frac{4}{5}$.. Find the cost of $7\frac{2}{3}$ m cloth.

19. Simplify :

(i) $2\frac{3}{4} \times 1\frac{2}{3} + 9\frac{11}{12} - 1\frac{5}{6}$.

(ii) $5 - \left[\frac{3}{4} + \left\{2\frac{1}{2} - \left(0.5 + \overline{\frac{1}{6} - \frac{1}{7}}\right)\right\}\right]$.

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SECTION –A (COMPETITIVE EXAMINATION QUESTION)

OBJECTIVE QUESTIONS

1. There are four prime numbers written in ascending order. The product of the first three is 385 and that of the last three is 1001. The last number is :
(A) 11 (B) 13 (C) 17 (D) 19

2. Let x, y and z be distinct integers where x and y are odd and positive, and z is even and positive. Which one of the following statements cannot be true ?
(A) $(x - z)^2y$ is even (B) $(x - z)y^2$ is odd (C) $(x - z)y$ is odd (D) $(x - y)^2z$ is even

3. Choose the rational number which does not lie between rational numbers 3/5 and 2/3
(A) 46/75 (B) 47/ 75 (C) 49/75 (D) 50/75

4. Evaluate : $\frac{8 - [5 - (-3 + 2)] \div 2}{|5 - 3| - |5 - 8| \div 3}$.
(A) 2 (B) 3 (C) 4 (D) 5

5. A student was asked to multiply a number by $\frac{3}{2}$. Instead he divided the number by $\frac{3}{2}$ and obtained a number smaller by $\frac{2}{3}$, the number is :
(A) $\frac{4}{5}$ (B) $\frac{3}{5}$ (C) $\frac{2}{3}$ (D) $\frac{1}{2}$

6. Which one of the following is Rational number in simplest form ?
(A) $\frac{-8}{28}$ (B) $\frac{-13}{38}$ (C) $\frac{14}{-49}$ (D) $\frac{16}{56}$

7. If a and b are positive integers, then which of the following is correct?
(A) a + b is rational
(B) a – b is a positive integer
(C) $\frac{a}{b}$ is irrational
(D) None of these

8. $\left[\frac{9}{4}\times\frac{3}{5}\div\frac{12}{5}+\frac{7}{8}\div\frac{5}{4}+\frac{3}{5}\right]$ is equal to
(A) $1\frac{69}{80}$ (B) $1\frac{41}{80}$ (C) $2\frac{2}{9}$ (D) $20\frac{7}{9}$

9. The product $\left(2-\frac{1}{3}\right)\left(2-\frac{3}{5}\right)\left(2-\frac{5}{7}\right)$ ..... $\left(2-\frac{97}{99}\right)$ is equal to :
(A) $\frac{5}{99}$ (B) $\frac{101}{99}$ (C) $\frac{101}{3}$ (D) $\frac{97}{99}$

10. The product of the following fractions
$\frac{\frac{1}{2}-\frac{1}{3}}{\frac{1}{3}-\frac{1}{4}}\times\frac{\frac{1}{4}-\frac{1}{5}}{\frac{1}{5}-\frac{1}{6}}\times\frac{\frac{1}{6}-\frac{1}{7}}{\frac{1}{7}-\frac{1}{8}}\times\ldots\ldots\times\frac{\frac{1}{99}-\frac{1}{99}}{\frac{1}{99}-\frac{1}{100}}$, is :
(A) 2 (B) 50 (C) 100 (D) 0

SECTION –B (TECHIE STUFF)

11. $0.\overline{018}$ can be expressed in the rational form as :
(A) $\frac{18}{1000}$ (B) $\frac{18}{990}$ (C) $\frac{18}{9900}$ (D) $\frac{18}{999}$

12. On dividing a number by 999, the quotient is 366 and the remainder is 103. The number is :
(A) 364724 (B) 365387 (C) 365737 (D) 366757

13. The number 2.525252..... can be written as a fraction, when reduced to the lowest term, the sum of the numerator and denominator is:–
(A) 7 (B) 29 (C) 141 (D) 349

03

SECTION –A (PREVIOUS YEAR EXAMINATION QUESTIONS)

1. $0.\overline{2}+0.\overline{3}+0.\overline{4}+0.\overline{5}$ is equiralent to **[Aryabhatta 2005]**
(A) $\frac{14}{9}$ (B) $\frac{15}{9}$ (C) $\frac{1}{3}$ (D) 1

2. If a number is divided by 45, then the remainder is 32. if the same number is divided by 15, then the remainder is **[Aryabhatta 2008]**
(A) 2 (B) 3 (C) 16 (D) 4

3. A rational number can be expressed as a terminating decimal if the denominator has factors **[NSTSE 2010]**

(A) 2 or 5 (B) 3 or 5 (C) 2, 3 or 5 (D) None of these

4. The product of x^2y and $\left(\frac{x}{y}\right)$ is equal to the quotient obtained when x^2 is divided by **[NSTSE 2010]**

(A) 0 (B) 1 (C) X (D) $\frac{1}{x}$

5. If $1+\frac{1}{x}=\frac{x+1}{x}$, which does 'x' equal to ? **[NSTSE – 2011]**

(A) 1 or 2 only
(B) 1 and 0 only
(C) + 1 or – 2 only
(D) any number except '0'

6. Identify a rational number between $\frac{1}{3}$ and $\frac{4}{5}$ **[NSTSE 2012]**

(A) $\frac{1}{4}$ (B) $\frac{9}{10}$ (C) $\frac{17}{30}$ (D) 1

7. Which of the statements is true about consecutive natural numbers ? **[NSTSE 2012]**

(A) There are 2n + 1 numbers between squares of consecutive numbers.
(B) There are 2n non–perfect square numbers between the squares of consecutive numbers.
(C) The sum of the squares of two consecutive numbers is not a perfect square
(D) $n^2 - 1$ is the standard form of the difference between two consecutive numbers

8. Identify the ones that is/are greater than 'm' if $m = \frac{9}{11}$ **[NSTSE 2014]**

(i) $\frac{1}{m}$ (ii) $\frac{m+1}{m}$ (iii) $\frac{m+1}{m-1}$

(A) (i) only (B) (ii) and (iii) only (C) (i) and (iii) only (D) (i) and (ii) only

9. Which number is in the middle if $\frac{-1}{6}$, $\frac{4}{9}$, $\frac{6}{-7}$, $\frac{2}{5}$ and $\frac{-3}{4}$ are arranged in descending order **[NSTSE 2014]**

(A) $\frac{2}{5}$ (B) $\frac{4}{9}$ (C) $\frac{-1}{6}$ (D) $\frac{-6}{7}$

10. If the division N ÷ 5 leaves a remainder of 3, what might be the ones digit of N ? **[NSTSE 2014]**

(A) 2 (B) 3 (C) 4 (D) 6

11. Which of the following numbers does NOT have a multiplicative inverse? **[NSTSE 2014]**

(A) $-\frac{1}{3}$ (B) 0 (C) 1 (D) 3

12. Nalini and three of her friends worked together to make a quilt. The given table lists the fractional part of the quilt that each of the girls made. Which list shows the girls in order from the one who sewed the most to the one who sewed the least? **[NSTSE 2014]**

Girl	Parts Sewn
Nalini	$\frac{3}{8}$
Kamini	$\frac{1}{5}$
Shalini	$\frac{2}{5}$
Reena	$\frac{1}{40}$

(A) Reena, Nalini, Shalini, Kamini
(B) Shalini, Nalini, Kamini, Reena
(C) Reena, Karnini, Nalini, Shalini
(D) Kamini, Shalini, Nalini, Reena

13. The difference between the place value and the face value of 6 in the numeral 856973 is_____. **[NSTSE 2014]**

(A) 973 (B) 6973 (C) 5994 (D) None of these

14. Which of the following expressions is true? **[NSTSE 2014]**

(A) $0.09 > \frac{7}{8}$ (B) $6\% < 0.09$ (C) $\frac{7}{8} < 8.0 \times 10^{-3}$ (D) $8.0 \times 10^{-3} > 6\%$

15. If x:y = 5:2, then (8x + 9y) : (8x + 2y) is **[NSTSE 2014]**

(A) 22 : 29 (B) 26 : 61 (C) 29 : 22 (D) 61: 26

16. Closure property for rational numbers is satisfied in case of _____ **[NSTSE 2014]**

(A) Addition (B) Subtraction (C) Multiplication (D) All of these

17. Which of the following statements is INCORRECT for rational numbers? **[NSTSE 2014]**

(A) The rational number O is the additive identity for rational numbers.
(B) The rational number 1 is the multiplicative identity for rational numbers
(C) Subtraction is associative for rational numbers.
(D) There are infinite rational numbers between any two given rational numbers.

SECTION -A (FIXED RESPONSE TYPE)

OBJECTIVE QUESTIONS

1. If $4x+\frac{3}{5}=5$, then x =

(A) $\frac{11}{10}$ (B) $\frac{13}{14}$ (C) $\frac{16}{17}$ (D) $\frac{12}{11}$

2. If $\frac{x}{3}-\frac{5}{2}=6$, then x = ?

(A) $\frac{51}{2}$ (B) $\frac{52}{3}$ (C) $\frac{53}{4}$ (D) $\frac{54}{5}$

3. If 0.6x + 0.8 = 0.28x + 1.16, then x = ?

(A) $\frac{6}{7}$ (B) $\frac{9}{8}$ (C) $\frac{11}{2}$ (D) $\frac{13}{5}$

4. If $\frac{\frac{2}{3}x+1}{x+\frac{1}{4}}=\frac{5}{3}$, then x = ?

(A) $\frac{7}{12}$ (B) $\frac{5}{13}$ (C) $\frac{6}{13}$ (D) $\frac{7}{14}$

5. A positive value of x which satisfies the equation $\frac{x^2+1}{x^2-1}=\frac{5}{4}$ is :

(A) 4 (B) 9 (C) 5 (D) 3

6. If $\frac{2x+7}{5x+8}=\frac{2x+6}{5x+4}$, then x = ?

(A) $-6\frac{2}{3}$ (B) $-3\frac{1}{2}$ (C) $-2\frac{1}{2}$ (D) $-3\frac{6}{7}$

7. If $\frac{5x}{4}+\frac{6-x}{8}=\frac{6(x+3)}{3}-\frac{1}{6}$, then x = ?

(A) $-\frac{121}{22}$ (B) $\frac{121}{12}$ (C) $\frac{212}{21}$ (D) $-\frac{122}{21}$

8. Length of a rectangle is 8 m less than twice its breadth. If the perimeter of the rectangle is 56 m. Find its length and breadth.

(A) Length = 16 m and breadth = 12 m (B) Length = 13 m, breadth = 15 m

(C) Length = 14 m, breadth = 17 m (D) Length = 18 m, breadth = 21 m

9. The age of father is 3 times the age of the son. If sum of their ages is 48 years, then the age of father and son are (in years) :

(A) Father = 36, Son = 12 (B) Father = 45, Son = 15

(C) Father = 39, Son = 13 (D) Father = 42, Son = 14

10. One number is 3 times another number. If 15 is added to both the numbers, then one of the new numbers becomes twice that of the other new number. The numbers are :
(A) 15, 45 (B) 12, 36 (C) 13, 39 (D) 14, 42

11. Sum of the digits of a two digit number is 12. The given number exceeds the number obtained by interchanging the digits by 36. The given number is :
(A) 81 (B) 82 (C) 83 (D) 84

12. The denominator of a rational number is 4 more than the numerator. If 2 is added to the numerator and 3 is added to denominator then the new number becomes $\frac{3}{4}$. Find the original number.
(A) $\frac{13}{17}$ (B) $\frac{12}{16}$ (C) $\frac{11}{15}$ (D) $\frac{10}{14}$

FILL IN THE BLANKS

1. The solution of the equation $3x - 4 = 1 - 2x$ is _____.
2. The solution of the question $2y - 5y = \frac{18}{5}$ _____.
3. $\frac{x}{5} + 30 = 18$ has the solution is _____.
4. If two-third of a number is equal to one-fifth of the same number , then the number is_____.
5. If twice of a number is 5 less than thrice of that number , then the number is _____.
6. If one-third of a number when added to one-half of the same number results in 5, then the number is _____.
7. If x% of a number is equal to 6% of one-third of that number, then the value of x is_____.
8. A two-digit number is equal to the number obtained by interchanging the digits. If the ten's place digit is 5, then unit's place digit is _____

TRUE / FALSE

1. An equation, in which the maximum degree of a term is one, is called a linear equation.
2. We cannot subtract the same number on both sides of the equation.
3. We can multiply both sides of the equation by same non zero number.
4. We can divide both sides of the equation by same number.
5. If we transpose any term of the equation from one side to other with its sign gets changed.
6. $8x - 3 = 25 + 174$ then x is a rational number.

9. One fourth of a number exceeds one fifth of its succeeding number by 3. Find the number.

10. The numerator of a rational number is less than its denominator by 3. If the numerator becomes three times and the denominator is increased by 20, the new number becomes $\frac{1}{8}$. Find the original number.

11. The cost price of a desk and a chair is Rs. 371. If the desk costs 12 % more than the chair. Find the cost price of each.

SECTION -A (COMPETITIVE EXAMINATION QUESTION)

OBJECTIVE QUESTIONS

1. One fifth of a number diminishes one fourth of its successor by one. The number is
(A) 12 (B) 9 (C) 15 (D) 20

2. If we represent the fraction $\frac{5}{26}$ by $\frac{3x-1}{2x+5}$ then x =
(A) $\frac{3}{4}$ (B) $\frac{4}{3}$ (C) $\frac{3}{7}$ (D) $\frac{7}{3}$

3. If half of the one third of a number is 15 less then the number, then number is .....
(A) 18 (B) 17 (C) 16 (D) 15

4. Solve for x : $\frac{2x-a}{x-b} = 1$
(A) a – b (B) b – a (C) a + b (D) –a – b

5. A number has two digits. The unit digit is four times than tens digits. If the difference between the number obtained by reversing the digits and the original number is 54, find the original number.
(A) 28 (B) 82 (C) 14 (D) 41

6. If I drive at a speed of 24 km/hr., I reach school 5 minutes late and if I drive at a 30 kmph, I reach 4 minutes too soon. Find the distance of the school from my residence (in kilometer).
(A) 18 km (B) 30 km (C) 15 km (D) 36 km

7. The sum of two numbers, which are in the ratio 5 : 7, is 120. Find the numbers.
(A) 30, 40 (B) 50, 70 (C) 70, 90 (D) 150, 170

8. When 4 is subtracted from three times a number and the result is divided by 3 more than the number, we get $\frac{2}{5}$. Find the number.

(A) 2 (B) 3 (C) 5 (D) 4

9. A streamer goes down stream from one port to another in 5 hours while it covers the same distance upstream in 6 hours. If the speed of the stream is 3 kmph, find the speed of the steamer in still water.

(A) 18 km/hr (B) 30 km/hr (C) 20 km/hr (D) 33 km/hr

10. The denominator of a fraction exceeds numerator by 3. If numerator is doubled and the denominator is increased by 14, then fraction becomes $\frac{2}{3}$rd of the original fraction. Find the fraction.

(A) 4/7 (B) 5/7 (C) 6/7 (D) 3/7

SECTION -B (TECHIE STUFF)

11. If $29x + 37y = 103$, $37x + 29y = 95$, then :

(A) $x = 1, y = 2$ (B) $x = 2, y = 1$ (C) $x = 2, y = 3$ (D) $x = 3, y = 2$

12. If Rs. 50 is distributed among 150 children giving 50 p to each boy and 25 p to each girl. Then the number of boys is :

(A) 25 (B) 40 (C) 36 (D) 50

03

PREVIOUS YEAR EXAMINATION QUESTIONS

1. The sum of three numbers is 98. The ratio of the first to the second is $\frac{2}{3}$ and the ratio of the second to the third is $\frac{5}{8}$. The second number is **[NSTSE - 2010]**

(A) 15 (B) 20 (C) 30 (D) 32

2. What is the value of x in the given equation? **(IMO 2010)**

$$\frac{(3x+1)}{16}+\frac{(2x-3)}{7}=\frac{(x+3)}{8}+\frac{(3x-1)}{14}$$

(A) 2 (B) 4 (C) 3 (D) 5

3. Which expression is equivalent $5[4 + 3(x - 6)]$? **(IMO 2010)**

(A) 15x - 10 (B) 15x - 70 (C) 15x - 14 (D) 15x - 110

4. Jasmine is a much better tennis player than Reshma. They decide to have a contest. Every time Jasmine wins a game, she will earn 3 points and every time Reshma wins a game, she will earn 5 points. If they play 48 games and the final score is tiled, how many games did Jasmine win? **(IMO 2010)**

(A) 50 (B) 40 (C) 30 (D) 18

5. Madhuri is on the fourth floor of a building. Her car is in the parking garage three levels below the ground floor. She gets in the elevator and travels from the fourth floor above ground level to the third floor below ground level. How many floors did she travel? **(IMO 2010)**

(A) 3 (B) 1 (C) 4 (D) 7

6. Mrs. Ravina needs to take a taxi to the doctor's clinic. The taxi ride costs Rs.13.00 for the First km and 6 for each km thereafter. How much does Mrs. Ravina pay for a 2.3 km taxi ride? **(IMO 2010)**

(A) Rs. 25 (B) Rs.28 (C) Rs.32 (D) Rs.30

7. Of the three numbers, the first is twice the second and is half the third. If the average of three numbers is 56, the three numbers in order are **[Aryabhatta-2011]**

(A) 48, 24, 96 (B) 48, 36, 96 (C) 48, 12, 14 (D) 24, 12, 48

8. The sum of a two digit number and the number obtained by interchanging the digits of the number is 121. If the digits differ by 5, then find the number **[Aryabhatta-2011]**

(A) 38, 83 (B) 27, 72 (C) 39, 93 (D) 61, 16

9. The ages of Mira, Tina and Sania are in the ratio 6 : 4 : 7 respectively, if the sum of their ages is 34 years, what is Sania's age? **(IMO 2011)**

(A) 12 years (B) 10 years (C) 18 years (D) 14 years

10. $\left(\frac{3}{4}\right)^{th}$ of a number is 20 more than half of the same number. The required number is_____. **(IMO 2011)**

(A) 50 (B) 180 (C) 90 (D) 80

11. The ratio of ages of Kunal and Deepesh is 3 : 5. After 10 years this ratio becomes 5 : 7. What is the present age of Deepesh? **(IMO 2011)**

(A) 20 years (B) 25 years (C) 50 years (D) 15 years

12. Mohan gets 3 marks for each correct answer and loses 2 marks for each wrong answer. He attempts 30 problems and obtains 40 marks. The number of problems solved correctly is. **(IMO 2011)**

(A) 10 (B) 15 (C) 20 (D) 25

13. Neeta's volvo bus takes 50 boys to a field trip. Some of them take Rs. 20 tickets while the rest take Rs. 45 tickets. It the total cost of tickets purchased is Rs. 2000, how many boys took the tickets of Rs. 20 each ? **[NSTSE - 2012]**

(A) 7 (B) 10 (C) 12 (D) 15

14. Solve for $x : x - \left[2x - \frac{5x-1}{3}\right] = \frac{x-1}{3} + \frac{1}{2}$ **(IMO 2012)**

(A) $\frac{3}{2}$ (B) - 31 (C) - 20 (D) $\frac{1}{2}$

15. For a journey the cost of a child ticket is 1/3"' of the cost of an adult ticket. If the cost of the tickets for 4 adults and 5 children is Rs. 85, the cost of a child ticket is **(IMO 2012)**

(A) Rs.5 (B) Rs.6 (C) Rs.10 (D) Rs.15

16. The ratio of present ages of Rahul and Deepesh is 3 : 5. 10 years later this ratio becomes 5:7. What is the present age of Deepesh? **(IMO 2012)**

(A) 20 years (B) 50 years (C) 25 years (D) 40 years

17. Solve for $x : \frac{3x+4}{6x+7} = \frac{x+1}{2x+3}$ **(IMO 2012)**

(A) $\frac{1}{2}$ (B) $-\frac{5}{4}$ (C) 1 (D) 3

18. $\frac{x}{x-a} + \frac{x}{x-b} = 2$ find x **[NSTSE - 2013]**

(A) $\frac{a}{b}$ (B) ab (C) $\frac{2ab}{a+b}$ (D) 2ab

19. If x + y = 6 and 3x – y = 4, find the value of x – y. **[NSTSE – 2014]**

(A) – 1 (B) 0 (C) 2 (D) 4

Class VIII Subject: Science

PHYSICS

ACTIVITY1. Explain with the help of an activity that pressure exerted by liquid depends on height of liquid column.

ACTIVITY 2. To show that liquid exerts equal pressure at the same depth.

ACTIVITY 3 Explain with help of an activity that pressure on the wall of container remain same by the liquids.

Q 4. What do you understand by force? Describe the different application of force on an object.

Q5. Describe the different type of forces in the category of contact and non- contact force

CHEMISTRY

Q.1 Make a list of some common articles made from natural and artificial fibers.

Q.2 Find out synthetic fiber like nylon is stronger than other fibers (with the help of an activity).

Q.3 Do synthetic fabrics absorb more or less water than the natural fabric? Explain it with the help of an activity.

Q.4 Make a table of biodegradable and Non-biodegradable waste, also write down approximately time taken to degenerate.

Class VIII **Subject: Hindi**

कक्षा – **VIII (A,B,C)**

- पत्र :
  1. अपने क्षेत्र की अपर्याप्त जल आपूर्ति के संबंध में जल बोर्ड के सचिव को पत्र लिखिए।
  2. परीक्षा में कुछ विषयों में कम अंक आने पर दुःख बताते हुए भविष्य में अच्छे अंक लाने का वादा करते हुए माताजी को पत्र लिखिए।
- निबंध :
  1. मोबाइल फोन : सुविधा या असुविधा
  2. यदि मैं प्रधानमंत्री होता
- भारत की खोज :

  भारत की खोज पुस्तक के पाठ पढेंगे।
- वसन्त भाग 3 :

  पाठ 1, 2, 3 व 4 का दोहरान करेंगे।

Class VIII **Subject: Computer**

: Create chart on Variouse Input, output, processing and memory system devices. Chapter First.

Class VIII **Subject: English**

a) Utilise your leisure time in reading English newspaper.

b) Read chapter 1,2 ,3 and 4 of supplementary reader.

c) Write down their summary and find out the question and answers and hard words.

d) Do one page of writing daily so that you can improve your handwriting.

e) Enjoy and celebrate each moment of summer vacation with your parents, friends and relatives and when you return back share your experience with your teacher.

f) Revise April syllabus.

Class VIII **Subject: Social Science**

(1)Project work on life history of any one governor general
(2)History ch-2,Civics,Geog Chapter-1 –Frame at least 20 internal questions with answers

Class VIII **Subject: Drawing**

5 paintings of their own choice
5 sketches of their own choice