Subject-Science   Assignment-2020-21   class-Vlll

General Instruction:
   a) **Make any copy for assignment work.**
   b) **Draw diagrams on any plane sheet.**

Answer the following questions:
1) Write 5 uses of soil.
2) Why different soils suit different crops? Explain.
3) Write the name of different crops grows in different season.
4) Define Irrigation and also mention the traditional and modern methods used for irrigation?
5) Explain harmful and useful effect of micro organism with example.
6) Define incident ray and reflected ray and normal. Describe an activity to show that the incident ray, the reflected ray and the normal at the point of incidence lie in the same plane.
7) Why is it important to take care of our eyes? Mention some activities that may cause damage to our eyes.
8) Gather information about effect of extreme cold and hot weather on the plants.
9) Draw a well label diagram showing inter-relation of plants, soil and decomposer.
10) Collect the labels from the bottles of jams and jellies, sauces, pickle. Write down the list of contents printed on the label.

Subject- English Language
   1) Select any 5 difficult words from your old book and write their meaning and make sentence from that.
   2) Notice Writing
      a)Your school is organizing a 'An Essay writing competition' .As the Head Boy /Girl of Modern school write a notice in about 50 word informing the students about the same. Invert all the necessary details like Date, Time and Venue. You are Amit /Natasha.

      b) You lost your diary in your school. Write a notice in about 50 words for student's Notice Board announcing the loss requesting the finder to return it to you.
      In your notice you should describe the diary, mention when and where finder should contact you, offer a suitable reward for the finder.
   3) Write paragraph on 'Sanitation and Disease'. Describe relation between these.

Subject- Mathematics

1. Write the important properties of Rational Numbers with example.
2. Represent these numbers on the number line.

   i) $\frac{7}{4}$ ii) $-\frac{5}{6}$

3. Find five rational numbers between $\frac{2}{3}$ and $\frac{4}{5}$.
4. Solve the following equations and check your result.

   i) $4z + 3 = 6 + 2z$

   ii) $2x - 1 = 14 - x$

5. Amina thinks of a number and subtracts $\frac{5}{2}$ from it. She multiplies the result by 8. The result now obtained is 3 times the same number she thought of. What is the number?
6. Draw different types of Polygon on a chart paper and name them.
7. Write the" Laws of the Exponents" on a A4 sheet.
8. Simplify:

   i) $(3x + 4)(2x - 3) + (5x - 4)(x + 2)$

   ii) $(3x + 2y - 4)(x - y)$

   iii) $(2x + 5y)(3x + 4y) - (7x + 3y)(2x + y)$

9. Arjun is twice as old as Shreya. Five years ago his age was three times Shreya's age. Find their present age.
10. Draw a 2D version of how you want the front of your house will look like. Must include four windows and two doors. All lines must be drawn with the help of a ruler and must be in centimeters, then determine the Area and Perimeter of each the window and the door and convert these measurements to millimeter.