# SARALA BIRLA PUBLIC SCHOOL

**SUMMER ASSIGNMENT (2019-20)**

**STD – VIII**

Name : _____ Class and Section : _____UID No. : _____

## English

1. Write a poem of your choice written by Sarojini Naidu.

2. Write a diary entry describing a day when you saved an animal or a bird from being harmed in not more than 100-120 words.

3. Some birds and animals are on a verge of extinction. Do you think we humans are responsible for this? Explain.

4. Write a paragraph describing the place you visited during your summer holidays.

## हिंदी

1. संधि की परिभाषा एवं इसके भेदो को उदाहरण के साथ लिखें ।
2. समास की परिभाषा एवं इसके भेद उदाहरण के साथ लिखिए ।
3. ग्रीष्मकाल में किए गए सामाजिक कार्य का वर्णन करते हुए अपने मित्र को पत्र लिखिए ।
4. मेरा प्रिय खेल हॉकी  इस विषय पर लगभग 250 शब्दों में निबंध लिखिए ।

## संस्कृत

'नदी' तथा 'साधु' का शब्द रूप लिखे एवं याद करें ।(कार्य कक्षा कार्य की कॉपी में करें।)

## Mathematics

1. Using appropriate properties find $\frac{2}{5} \times (-\frac{3}{7}) - \frac{1}{6} \times \frac{3}{2} + \frac{1}{14} \times \frac{2}{5}$

2. Find ten rational numbers  between 3/5 and ¾ .

3. Tell what property allows you to compute $\frac{1}{3} \times ( 6 \times \frac{4}{3})$  as   $( \frac{1}{3} \times 6 ) \times \frac{4}{3}$ . calculate $( \frac{1}{3} \times 6 ) \times \frac{4}{3}$

4. Verify that  - ( - x) is same as x for      (i) x = 13/17  and                (ii) x = - 21/ 31 .

5. Solve the following equations :        (i) 7x – 9 = 16           (ii) x/3 + 1 = 7/15

6. Deveshi has a total of Rs. 590 as currency notes in the denominations of Rs. 50, Rs.  20 and Rs. 10. The  ratio of the number f Rs. 50 notes and Rs. 20 notes is 3:5 . If she has a total of 25 notes, how many notes of each denominations she has ?

7. A grandfather is ten times older than his granddaughter. He is also 54 years older than her. Find their present age.

8. Solve the linear equation : $\frac{n}{2} - \frac{3n}{4} + \frac{5n}{6} = 21$

9. Simplify and solve the linear equation :        15( y-4 ) – 2 ( y - 9) + 5 ( y + 6 ) = 0

10. The ages of Hari and Harry are in the ratio 5:7. Four years ago from now the ratio of their ages will be 3:4. Find their present age.
    LAB ACTIVITIES:  Do activity 1 and activity 9.

# Physics

1. With an activity show that at a given depth the pressure in a liquid is same in all directions.
2. Explain the term "Friction is a necessary evil".
3. Write four ways how to increase and decrease friction.
4. Calculate the pressure exerted by a 10 Newton force on 5 centimeter square area.

# Chemistry

Make a Modern periodic table on A3 size paper using different colour inks to represent Metals, Non metals and Metalloids.

# Biology

1. Explain the methods of irrigation.
2. Draw a nitrogen cycle.
3. Draw a general structure of
   a) an animal cell.
   b) a plant cell.

# History

1. On what basis did James Mill periodise Indian history?
2. When did Vasco da Gama reach India?
3. What is meant by colonisation?
4. Through a selective timeline of the period of Akbar's reign,write three dates that are important in political history and three dates that are important in cultural history.

# Civics

1. What is a constitution?
2. Name the three organs of India's government.
3. What kind of state is called a secular state?
4. Our constitution promotes fraternity among the diverse people of our country. Paste or Draw some pictures related to the statement.

# Geography

1. Explain different types of resources with suitable pictures