**SARASWATI VIDYA MANDIR SR. SCE. SCHOOL NANGAL CHAUDHARY**

 **Affiliated to CBSE New Delhi**

 **Affiliation No 530783 School code No 20388**

 **Circular: Summer Vacations 2018-19**

 **Circular No SVM|2018 May 25, 2018**

 **Dear Parents,**

 Happiness is in the air, long awaited Summer Holidays are again ready to welcome you with their warm Showers!

Life needs to be balanced between fun and work. Summer holidays give a chance for students to relax. During holidays, leisure replaces work as a priority. You are filled with the enthusiasm to explore, travel and learn.

Besides relaxing, the students should keep in mind the execution of assigned work in a well planned manner. Motivate your wards to interact with knowledgeable books that would in turn lead their minds to grow exclusively and in an effective manner.

The summer holidays will be from **June 1- July 1, 2018.** The School will reopen on July 2, 2018 at usual timing **(8:00 AM to 2:00PM).**

Holiday Homework will also be available on the School Website **www.saraswatischoolnch.com.**

Students must complete their holidays homework and submit it by **July 8, 2018** positively.

 **Wishing to see your child after the summer break with a BROADER OUTLOOK and Positive attitude.**

 With good Wishes

 Principal

 **SARASWATI VIDYA MANDIR SR.SCE SCHOOL NANGAL CHAUDHARY**

**SUMMER VACATION HOMEWORK**

**CLASS = 12th “TULIP”**

**ENGLISH**

 **Assignment of long answer type question of Flamingo & Vistas**

 Lesson 1. The last lesson 2) Lost spring 3) Deep Water 4) The Rattrap 5) Indigo

 6)Going places 7) Tiger King 8) The Enemy 9) Should Wizard Hit Mommy

 10) On the face of it. Learn all the Question – answers of these lessons.

 **Assignment of the following poems stanzas:-**

1. My Mother at sixty six 2) An Elementary School class room in a slum 3) Keeping quite

4) A Thing of Beauty 5) Aunt Jennifer’s Tigers

 Also learn all the Question- answers of these poems

 **Grammar-** Article:- Write and learn

1. India - A safe place for women 2) Need for counseling before board exams
2. Life without modern Gadgets 4) Cruelty to Animals 5) Growth of Tourism Industry in India.

 **Report:-** Write& Learn 1. Your school organised a seminar on the topic “Rising Prices create a crises”. Write a report in 150-200 words for your school magazine.

1. GB Institute recently organised a “ No- Tobacco” Workshop. Write a report on the same to be published in the newspapers in 150-200 words.
2. ‘A Blood Donation Camp’ was organized by NSS Unit of your school write a report in 150-200 words to be printed in your school magazine.

 **Poster:- 1.**  Draft a poster on the theme of Each one Teach one.

 2. Draft a poster on the Blood- Donation camp.

 3. Prepare a poster on the topic of Conservation of Energy.

 4. Draft a poster on Water Conservation.

 5. Draft a poster on the theme of Clean City.

 **Letter :-** Write & Learn letter of complaint

 Topic:- 1. Illegal parking. 2. Poor insanitary condition in your locality

 3. Frequent Break down & of Electricity

 Application for job:- Write& learn

1. For the post of PGT English 2. For the post of marketing Manager

Practice of 30 comprehension

 **PHYSICS**

1. Draw an equipotential surface.

 **i. In a uniform Electric field**

 **ii. For a point charge >o**

1. How will the capacitance of a capacitor change when a dielectric slab is introduced between the

 plated of a capacitor?

1. How does the resistivity of a conductor depends upon the no. density of free es and temp?
2. Show mathematically that the potential at a point on the equatorial line of an electric dipole is zero.
3. A hollow metal sphere of radius 5 cm is charged such that the potential on its surface is 10v. what is the potential at the centre of the sphere?
4. Calculate the coulomb force between a proton and an e separated by 0.8 x10-15**m.**
5. Calculate the value of electric field exactly balanced the weight of an e.
6. Two capacitors 3 Farad and 6 Forad are connected in series with 6V battery. Which one will

 Have higher potential?

1. If plated of a charged capacitor are further separated while the capacitor is still connected to the charged battery. What will happen to the energy?
2.  Calculate the capacitance of an given network. It each capacitor is 5uf
3. The V-I graph for metal is shown in fig (below) which w which will have higher resistivity?

 V

 A

 B

 I

12. 27 drops of same size are charged at 220v each. They collapse to from a bigger drop. Calculate

 the potential of the bigger drop.

13. A wire of resistance 5Ω is drawn out so that its length is increased to twice its original length. Calculate

its original resistance.

14. The storage battery of a car has an E.M.F. of 12v. If the internal resistance of the battery is 0.4Ω. What is the maximum current that can be draw x from the battery?

15. Why are thick copper wires used as connecting wire?

\* Do at least 20 numerical (unsolved) from each topic of Electrostics and current Electricity.

\* Ray optics & wave optics with numerical ( complete)

**CHEMISTRY**

1. Solve NCERT exercise of units 1,2,3,4,5,10 & 11
2. Solve question from NCERT Exemplar problems of

Units: Solid state, Solutions, Electrochemistry, chemical kinetics, Haloakanes & Haloarenes, Alcohols, ethers and phenol

 Solve the Assignments of chapters – 1,2,3,4,5 11 & 12

 **BIOLOGY**

1. Reproduction in Organism
2. Sexual Reproductions in Flowing Plants
3. Human Reproduction
4. Reproductive Health
5. Human Health & Diseases
6. Strategies for Enhancement in Food Production
7. Microbes in Human Welfare

Complete notebook and learn the chapters for test

 **MATH**

Chapter:-1,2,3,4,5,6,7,8 complete in note book. (NCERT CORNER)

 **PHYSICAL EDUCATION**

 Lesson 1 complete write and learn

Knowledge of common wealth games in 2018.

History, Basic rules, ground measurement of Volley Ball, Cricket and Kabaddi