Class – VIII Summer Vacation Project Work (2019 – 20)

Science

General Instructions

- Complete Index and do correction work (if any) for the chapters in science notebook.
- Complete science lab manual work .
- Revise the syllabus of Periodic I for periodic test.
- 1. Make a model of a single celled organism and explain how a single cell perform all the functions required for life. (Roll no -1 to 5)
- 2. Make a model on Combustion & flame. Five extinguisher (Roll no 6 to 11)
- 3. Explain the working of human ear with labeled diagram on chart paper & paste it on thermocole (Roll no 12 to 16)
- **4.** Make a model based on chapter how babies are formed (like female reproductive system, Endocrine system, life cycle of a butterfly). (Roll no 16 to 20)
- 5. Make any model on sound .(Roll no 20 & onwards)
- 6. Do the following questions in Science note book.
 - i) What would have happened if a plant cell did not have a cell wall?
 - ii) Why do the people living in coastal areas not suffer from goiter?
 - iii) How does the wax rise in the wick or the oil reach the flame?
 - iv) What are Compressions & rare factions region in term of sound?
 - v) Explain an activity which shows sound does not travel in vacuum.
 - vi) Explain how the sex of a baby determined?

<u>Maths</u>

Note:

- Do practice of 1 st Periodic test syllabus.
- Do lab manual work of Ch- 1,2, 3 test paper 1 in maths test register.
- Solve test paper I in maths register.
- 1. Prepare a chart to show properties of squares and cubes and paste on a cardboard / thermocol. (Roll no -1 to 3)
- 2. Prepare different pyramidcal shape with waste material and paste on card board/ thermocol. (Roll no 4 to6)
- 3. Prepare different solid shape of Prism using waste material and paste on card board/ thermocol. (Roll no 7 to 9)
- 4. Prepare a model to show 2^0 , 2^1 , 2^2 , $+3-3^0$, 3^1 , 3^2 by using coloured paper. (Roll no 10 to 12)

- 5. Prepare a PowerPoint presentation on any one topic.
 - Rational Number, Exponents, Squares and Square Root (Roll no 11 to 15)
- 6. Prepare 3-D shapes in daily life.
 - a) Cylinder (b) Cone (c) Cube (d) Cuboid (Roll no 16 to 18)
- 7. To show sum of angles of quadrilateral is 360° using coloured paper. (Roll no 19 to 21)
- 8. Prepared a pie chart to show composition of air on a cardboard. (Roll no 22 onwards)

English

- Complete index and do correction work (if any).
- Revise all the chapters done in class of Periodic I for Periodic test.
- Q1. Make wall hangings on the following topics according to your roll number . (write points)
 - a) Corporal punishment should be reintroduced in school .(Roll no 1 to 5)
 - b) Make a wall hanging Do 's in the school (etiquettes, behavior, discipline with about these topics) (Roll no 6 to 10)
 - c) Corporal punishment should not be reintroduced in school .(Roll no 11 to 15)
 - d) Make a wall hanging Don't in the school. (Roll no 16 onwards)
- Q2. Make a model on the following things used for different shapes.eg:- branches of a tree etc.
 - a) Types of tenses (include subtypes) (Roll no 1 to 5)
 - b) Types of determines with examples .(6 to 10)
 - c) Types of pronouns with example. (Roll no -11 to 15)
 - d) Types of nouns with examples. (Roll no 16 onwards)s

Social-Science

- Complete index and do correction work (if any).
- Revise all the chapters done in class of Periodic I for Periodic test.
- Q1. All the questions are compulsory:
 - a) Make a 3 D geographical Model on "Physiographical map of India" by using waste material . (like sand , plastic bag, colour or card board etc.) Roll no -1 to 6
 - b) Make a model of "Volcano" with 3 D effect by using of waste material. (Roll no 7 to 12)
 - c) Make a model of "Agriculture development in India "by using of waste material. (Roll no 13 to 18)
 - d) Make a model of "Rain water harvesting "by using of waste material. (Roll no 19 to 24)

e) Make a model on historical building like – (a) Kutub Minar (b) India Gate by using thermocal and newspaper (Roll no – 1 to 24) optional for all.

Q2. .Suggested Summer- Holiday Activity:-

This activity is called – making a memory file your summer holiday you would be going for trips to other towns or cities to visit your grandparents, relatives or tourist trips. All you have to do this and enjoy your hard earned holidays and along with it keep your memories of these holidays intact. How are you going to do this by making a file which contains all your memories.

Take a shoe – lace file with A- 4 size sheets and do this fun activity.

Holiday :- a) Reason of travel

b) Mode of travel

c)Period of your story

Give a detailed account of the city - a) The name, area, history, main historical monuments.

- b) Types of people , language , dress , food , customs and traditions, religion.
- c) Climate, kind of Landscape, flora and fauna. You can make this activity more interesting by sticking your travel tickets, pictures, photos pressed flowers and leaves. Enjoy your holidays and this activity. (compulsory for all students)

