Class – VII 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 human digestive system using thermocol . (Roll no -1 to 6)
- 2. Make a working model of an hourglass from empty glass (jam) bottles. (Roll no -7 to 12)
- 3. Depict the uses of forests with things & pictures on a 4 size sheet (Roll no 13 to 18)
- 4. Make a model based on physical & chemical changes in our daily life .(Roll no 19 to 24)
- 5. Make a model of a ecosystem showing a food chain or food web. (Roll no 24 onwards)
- 6. Do the following questions in Science note book.
 - i) Venus flytrap plant is an example of partially heterotrophic nutrition. Comment
 - ii) Why is it important to chew the food properly?
 - iii) Cutting down of trees is an irreversible change. Do you agree ? Justify your answer .
 - iv) You are given a concave mirror, a plane mirror and a convex mirror. How will you distinguish between the three?
 - v) What are the steps to preserve our forest?
 - vi) What is global warming? Name the gases caused green house effect. How a forestation will help In reducing global warming?

Maths

Note:

- Do practice of 1st periodic test syllabus.
- Complete lab manual work of ch − 1,2,3.
- Solve test paper in maths test register .
- 1. Prepare different type of polygon using thermocol and paste on cardboard. (Roll no -1 to 3)
- 2. Prepare a model of law of Exponents and show with examples on a thermocol / cardboard. (Roll no 4 to 6)
- 3. Draw different type of triangle according to sides and angles and paste on cardboard. (Roll no 7 to 9)
- 4. Make a beautiful concept to show fraction using waste material (Roll no 9 to 12)
- 5. Prepare a beautiful chart to show properties of integers and rule of addition / subtraction

multiplication / divison.(Roll no - 13 to 15)

- 6. Prepare a Powerpoint Presentation on any one topic. (Roll no 16 to 18)
 - Integers
 - Fractions and Rational Number
 - Exponents
- 7. To collect information on Great Mathematician (Roll no 19 to 21)
 - Hardy ,Carl gauss , Ramanujan
 - 8. Prepare a scrap book . Paste the picture of each planet , write the mass radius and distance from the sun and express in scientific notation. (Roll no -22 to 24)
 - 9. Prepare a crossword Puzzle on rational number, Fraction, decimal. Minimum 10 questions you can use terms also. (Roll no 25 onwards)

English

- Complete index and do correction work (if any).
- Revise syllabus of Periodic I for Periodic test.
- **Q1.** Prepare the following posters according to roll number.
 - a) Save wild life (Roll no 1 to 5)
 - **b)** Save girl child (Roll no 6 to 10)
 - c) Say no to Dowry (Roll no 11 to 15)
 - d) Save Environment (Roll no 16 to 20)
 - e) Right to Education (Roll no 21 to 25)
 - f) Child Labour (Roll no 26 onwards)
- Q2. According to your roll number prepare flash cards also write examples for each.
 - a) Types of sentences (Roll no 1 to 5)
 - b) Types of Nouns (Roll no 6 to 10)
 - c) Types of pronouns (Roll no 11 to 15)
 - d) Types of adjectives (Roll no -16 to 20)
 - e) Types of determines (Roll no 21 onwards)

Social Science

- Complete index and do correction work (if any).
- Revise syllabus of Periodic I for Periodic test.
- Q1.a) Make a model of "Globe with waste material".(Roll no 1 to 5)
 - b) Make a model of any one "Historical monument" with waste material. (Roll no 6 to 10)
 - c) Make a model of "Water Pollution" with waste material. (Roll no 11 to 15)
 - d) Make a model of "Earth's Core" with waste material. (Roll no 16 to 20)

- e) Make a model of "Layer's of soil" or composition of soil with waste material. (Roll no 21 to 25)
- f) Make a model of "Water Cycle" with waste material. (Roll no 26 onwards)

Q2.Suggested Summer- Holiday Activity (for all students) :-

This activity is called – making a memory file on your summer holiday you would be going for trips to other towns or cities to visit your grandparents, relatives or tourists 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.

Holidays : - 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. Type's of people , Language , dress , food , customs and the traditions, religions .
- c. Climate , Kind of Landscape , flora and fauna , You can make this activity more interesting by sticking your travel tickets, pictures , photographs . Pressed flowers and leaves . Enjoy your holidays & this activity .(Compulsory for all students)

