

## CLASS-- XI ( HOLIDAYS HOME WORK )

### \*ENTREPRENEURSHIP:

#### 1) PROJECT WORK- CASE STUDY

PREPARE A PROJECT REPORT AFTER UNDERTAKING A CASE STUDY OF AN ENTREPRENEUR KNOWN TO YOU. PREPARE A QUESTIONNAIRE TO BE ANSWERED BY THE ENTREPRENEUR WHICH WILL HELP YOU ANALYSE HIS /HER CHARACTERISTICS, STRENGTHS, WEAKNESSES, PERSONALITY TRAITS, VISION, BUSINESS MANTRA, ACHIEVEMENTS AND EXPERIENCES.

#### 2) ASSIGNMENT QUESTIONS FROM UNIT—1

### \*MATHEMATICS :

SOLVE N.C.E.R.T EXEMPLAR OF THE CHAPTER SEQUENCES AND SERIES.

PREPARE THE CHAPTER LINEAR INEQUALITIES FROM R.D.SHARMA

### \*.BUSINESS STUDIES :

\*PROJECT ON MINING INDUSTRY AND ITS EFFECT ON ENVIRONMENTAL POLLUTION .

### \* ACCOUNTANCY:

\* ASSIGNMENT QUESTIONS ON CHAPTER 1—(a). Introduction to Accounting.

### \* Computer science

Solve the back exercise of Chapter 1-3 in CS notebook.

### \* MMWT

1.Make a web site on any topic given below:-

- i. Care for animals
- ii. Green Delhi, clean Delhi

2.Link few more pages to the developed page, containing related information as per your topic. (Use all tags covered in syllabus to develop pages)

## **\* CHEMISTRY**

DO NCERT EXERCISE OF BASIC CONCEPTS OF CHEMISTRY

## **\*BIOLOGY**

### **Instructions:**

**Do the following questions on A4 size regular white sheets and arrange them in a stick folder.**

### **Part - A**

1. Why is binomial system of nomenclature acceptable to biologist all over the world?
2. Distinguish between (a) Systematics and taxonomy (b) Artificial and natural systems of classification (c) Species and taxon.
3. What is two kingdom classification? Give its drawbacks. Highlight the criteria used for five kingdom classification.
4. What do you mean by algal bloom?
5. Compare kingdom monera and protista.
6. How is diatomaceous earth formed?
7. Enlist the criteria considered to classify fungi.
8. Why are lichens called pioneer colonizers? Name the lichen which is popularly called reindeer moss.
9. Write a brief account on micorrhiza.
10. Distinguish between:
  - a) Gametophyte and sporophyte
  - b) Megasporophylls and microsporophylls
  - c) Antheridia and archegonia
  - c) Liverworts and mosses

### **Part – B**

1. Complete all text book questions of chapter 1 and 2.
2. Draw and practice diagrams in the chapter 2 and 3.

## **\*ENGLISH**

- 1 Prepare a Project on Water comprising the following:

- a) Poster on Water Conservation.
- b) Write a letter to the Editor of a national daily requesting him to include a column in his newspaper urging the youth to use water judiciously and suggest different ways for the same in 150 words.
- c) Prepare a speech on the topic 'Water is the elixir of life'.(180 Words)
- d) Find any ten idioms or phrases on Water. Write their meanings and use each of them in a sentence.
- e) Compose a poem on 'Water'.
- f) Write a backronym for 'Water'.
- g) Write any five good quotations on 'Water'

Put all the things in a folder with your name and roll number written clearly on it.

## **\*ECONOMICS**

### **Developing Project**

\* Students during their summer break will make a layout of the project as per the discussed guidelines.

\* They will try to find a problem from the near by areas and suggest a topic for the same .

\* They will decide the area where they will like to survey according to their selected topic  
Using concepts of both Part-A and Part-B.

\* Some of the examples ( suggestive)

: - A report on Demographic structure of their neighbourhood

: - Working women security in Vasant Kunj area

: - Effect of Demonetization on near vicinity ...

\* The idea behind introducing this project is to enable the students to develop the ways and

and means of skills to survey, interpret, and suggest methods to improve on the decided Topic

\* It will include all the steps involved in designing a project starting from choosing a title, exploring the information relating to the title, collection of primary and secondary data, analysing the data, presentation of the project by using various statistical tools, conclusion and suggestions

### **\*POLITICAL SCIENCE**

1. Explain meaning of all the values and principles given in Preamble of India. Do it in political science notebook.
2. Find out the name of all Cabinet Ministers, CJI, CEC, CAG, Attorney General, Governor of RBI, CM and Governors of all states. Write down it in political science notebook.
3. Do the case study on working of local government in Delhi. Find out the details about the type of local government (MCD, NDMC), their areas, jurisdiction, funds, who is their head etc. Do this on A4 size sheet

### **\*PHYSICS**

#### **Instructions:**

**1. All questions are compulsory.**

**2. Please give the explanation for the answer where applicable.**

Q1 - Why other methods to measure the time is replaced by cesium atom clock.

Q2 - What are errors? Explain two types of errors?

Q3 - Convert 25 Joule into erg.

Q4 - Derive the formulae for velocity ( $v$ ) of water waves that may depend upon their wavelength  $\lambda$ , density of water  $\rho$  and acceleration due to gravity  $g$ .

Q5 - Find the expression for centripetal force if it depends upon mass of the body, speed of the body, and the radius of the circular path.

Q6 - Which is the most accurate clock?

Q7 - What is the significance of precision?

Q8 - What is the responsibility of National physical laboratory (NPL)?

Q9 - Name the error associated with the resolution of the instrument.

