

**Khaitan Public School, Sahibabad**  
**Holiday Home Work -2017**  
**Class – XI**

**CHEMISTRY**

1. A copy of assignment should be pasted in the classwork register.
2. Write the practical work "Detection of anions" in your practical file.
3. Revise chapter 1 to 3 from NCERT and solve the Numerical on Practice Note-Book.

**PHYSICS**

Make a Power Point Presentation based on any one of given topics- (In about 10-12 Slides)

The topics of presentation are:-

1. Robotics
2. Nanotechnology
3. Black Body Radiations
4. The Realms of Gravity
5. Carnot Cycle –Principle, working of the engine of a vehicle, science concepts involved, differences in engines of light & heavy vehicles
6. Astronaut training - space oddity, space food, space life based on concepts of science involved  
(Note:- write five concept based questions for each topic on white A4 size sheet separately)

**BIOLOGY**

**(A)** You are required to make a multimedia presentation on the topics given below:

- |                               |   |                        |
|-------------------------------|---|------------------------|
| 1. Kingdom- Monera            | 5. Kingdom- Protista                              | 8. Kingdom Fungi       |
| 2. Division Algae             | 6. Division Bryophyta                             | 9. Division Gymnosperm |
| 3. Division Angiosperm        | 7. Plant Life Cycle and Alternation of Generation |                        |
| 4. Virus, Viroids and Lichens |   |                        |

NOTE: Each student will pick up one topic (roll no. wise) and make individual presentation

GUIDELINES:-

- i. Presentation should be made using microsoft.
- ii. It should comprises of text , graphics , animation and sound.
- iii. Time limit should be of 10 – 15 minutes with approx. 15 –20 slides.
- iv. A final slide that act as reference section / bibliography should have the information you have used

Criteria of assessment : [10]

- |   |     |
|---|-----|
| • Content   | [4] |
| • Use of software features & the effective use of multimedia features | [2] |
| • Aesthetic aspect  | [1] |
| • Communication skill   | [1] |
| • Answer provided to the question asked by peer group                 | [2] |

NOTE: Marks obtained will be added in the first terminal practical exam

**(B)** Prepare an investigatory project on any topic of your own choice, given in your syllabus in which you are confident and prepare for viva voce.

**Guidelines:**

- (i) Project should be made on A 4 sized colored sheets and the same should be kept in cellophane sheet.
- (ii) Sheets should be arranged in following order.
 

(a) Aim / Title Page	(b) Certificate	(c) Acknowledgement
(d) Index	(e) Main content	(f) Bibliography

NOTE :(i) If topic has been taken from medical field, a separate case history should be attached

(ii) Maintain the standard of project so that same can be presented in class XII board exam.

**(C)** Complete the given worksheet in Practice Note Book.

## MATHS

1. Complete the assignment, given in the class in Practice Note Book.
2. Review the Complete chapter of Relation and Function, Trigonometry.
3. Prepare the Chart of all Trigonometric Identities and learn it during your Vacation, so that it should be on your tips.

## ENGLISH

Complete the assignment given separately in assignment sheet in Practice Note Book.

## BUSINESS STUDIES

Select any one business organisations in your city and study the nature and scope of its business. Prepare the project including information like:

- Types of business
- Nature of products (Range)
- Stakeholders involved
- Working conditions
- Types of risks involved and steps to overcome it.
- Facilities for staff etc....

## ACCOUNTANCY

- I. Students are required to make a project keeping in mind of the following:-
  1. Collection of Source Documents for at least 10 transaction of any business.
  2. Preparation of Vouchers from the above collected Source Documents.
- II. Show the effect of the following transactions on the accounting equation. Also prepare balance-sheet on the basis of the last new equation.

## ECONOMICS

1. Seven up company wants to know about the acceptance of their product 'NIMBOOZ' among college students. What will be the source of data collection? Prepare a questionnaire comprising of 5 questions and conduct a survey among 5 people.
2. Prepare a project on "Impacts of Odd Even drive in the capital city"
  - Introduction
  - What is the need?
  - Who initiated?
  - Impacts on air quality and inconvenience to public.
  - Problems faced by administration
  - Public enthusiasm, reaction etc.
  - Find out if this system implemented in other cities abroad.

## POLITICAL SCIENCE

1. Prepare the Project Report on "The Comparison of the Bill of Rights in the South African Constitution with that of India" with special reference to the following aspects-
  - Rights common in both the countries.
  - Rights available in South African but not granted in India.
  - Rights granted in India but not available in South African.
  - Rights given in South African but implicit in the Indian Constitution.
2. Collect some information on the features of British, America, French, and Canadian & Irish Constitution. Compare it with Indian Constitution & draft a report on the borrowed features of the Indian Constitution.
3. Collect the newspaper clipping about the recent MCD elections held in Delhi & compare with a non-democratic. Classify the clipping under the following headings-

- Eligibility of a voter
  - System of representation
  - Free & fair conduct of election
  - Role of election commission
4. Read the following headlines & identify the power used by Election Commissioner to ensure free & fair elections Election Commissioner issues notification Constituting Lok Sabha election.
    - Election Commissioner tightens norms for poll expenses.
    - Election Commissioner will seek power to ensure political advertisements.
  5. What do you think would have happened if the Election Commission was not given the following privileges?
    - The power to issue orders to government staff engaged in election duty.
    - Inability of the government to remove the Chief Election Commission.
    - The power of the commission to cancel an election if it is unfair.

## HISTORY

1. Make a project file on any one topic of the given below-
  - a) Mesopotamian Civilization
  - b) the Roman Empire
2. Many societies have myths about floods. These are often ways of preserving memories about changes in history. Find out more about such stories.
3. MAP WORK:
  - a) Locate important places associated with Mesopotamian civilization.
  - b) Highlight the area of the Roman Empire and mark important cities and rivers.
  - c) Locate sites where earliest fossils of Human forms were found.
4. Learn all the question answers of chapters completed (Ch.-1 to 6)
5. Read chapters 7 and 8.

## PSYCHOLOGY

“What are the negative and positive effects of the Internet on Psychological and Social Health of teenagers” Conduct a survey by using at least one technique of survey research. Analyse and prepare a Project report based on it.

## PHYSICAL EDUCATION

1. Complete the practical file, based on the following topics-
  - a. History of Athletics
  - b. Complete description of 3-3 Events of Races, Jumps and Throws
  - c. Awardees of Athletics and Major Tournament
  - d. AAPHER Physical Fitness Test
  - e. Benefits of Medicine ball, Swiss ball, Skipping Rope (Any one)
  - f. History of your game, fundamental skills, terminologies, rules and regulation, awardees, important tournament, diagram and dimensions
2. Prepare a project on any new topic related to sports.
3. Complete your note books with notes and question answers of chapter 1 to 4.
4. Revision of Chapter 1 to 4.

## COMPUTER SCIENCE (PYTHON)

- A. Revise Ch-1 to Ch-4
- B. Make a presentation on “Online Payments-Advantages and Risks”.

## INFORMATICS PRACTICES

- A. Do the assignments given in the notebook.
- B. DBMS CONCEPTS
- C. Revise Ch. 10 to Ch. 14.

\*\*\*\*\*Wish you a pleasant and joyful vacation\*\*\*\*\*



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