

**PROJECT WORK – 2014/15**  
**CLASS I X**

**PROJECT WORK [SUBMISSION DATE: JULY 1, 2014]**

**ENGLISH LANGUAGE**

**Assignment 1**

Write a composition in approximate 350-400 words on any of the following topics:

- (a) In your summer vacations, you happened to visit a place of comfort and natural beauty. Describe your experience.
- (b) Write an original short-story which ends with words “in sheer relief I grabbed his shoulders and hugged him hard.”
- (c) Shakespeare said, “Neither a borrower nor a lender be.” What is your opinion?
- (d) “Academics and extracurricular activities must be given equal importance in school.” Write **for** or **against** the proposition.

**Assignment 2**

Write a composition in approximate 350-400 words on any of the following topics:

- (a) Describe the scene at a busy railway station during the holiday season. Your description should recall vividly the bustle and confusion of such a scene.
- (b) Write an original short story beginning with: “It was a Sunday morning like many others.”
- (c) “Relatives are a tedious and curious pack of people.” Express your views on this topic.
- (d) “Attendance at games should be compulsory for all school-going students.” Argue **for** or **against** the proposition.

**ENGLISH LITERATURE**

Answer the following questions in 350 words approx (each).

**Assignment 1**

Write down a detailed summary of the poem “The Inchcape Rock” by Robert Southey in your own words. Discuss it as a ‘Ballad’.

**Assignment 2**

Describe in your own words the images of destruction after the nuclear bomb attack in the city, as brought forth by the speaker in the poem “A Doctor’s Journal Entry for August 6, 1945” by Vikram Seth.

**Assignment 3**

Discuss the themes of ‘father-daughter relationship’ and ‘nostalgia’ in the story “Kabuliwala” by Rabindranath Tagore.

**HINDI**

- 1- ‘भारत की श्रेष्ठ साधनाओं को पश्चिमी सभ्यता घुन की तरह खा रही है।’ आधुनिक परिवेश को देखते हुए इस कथन पर लगभग चार सौ शब्दों में अपने विचार व्यक्त कीजिए।
- 2- ‘मुंशी प्रेमचन्द्र’ की जीवनी लिखिए, साथ ही उनकी कहानी ‘परीक्षा’ का सारांश एवं उद्देश्य भी लिखिए।

**MATHEMATICS**

- Survey of a Class of Students’ Height, Weight, Number of Family Members, Pocket Money, etc.
- Planning delivery routes for a Postman/Milkman.
- Visit one or two stores where sales are being offered to investigate- Cost Price, Marked Price, Selling Price, Discount, Profit / Loss.

**PHYSICS**

Any two Projects (based on any one topic given below):

**Topics**

- 1- Laws of Motion
- 2- Thermometry and Thermal Expansion
- 3- Transmission of Heat
- 4- Electricity and Magnetism

**CHEMISTRY**

**Topics**

- 1- Pollution and ways of preventing pollution.
- 2- Water- It’s Chemical and Physical Properties.

**BIOLOGY**

- 1- Waste, Types of waste material, generation and waste material management.
- 2- Diseases, Types of Diseases, Communicable Diseases, Disease caused by pathogens (Bacteria, Viruses) their symptoms and treatment or preventive measures.

## COMPUTER APPLICATION

- Prepare a report on Object Oriented Programming.
- Write a report on the history of Java.
- Make any 10 Programs using Q-Basic Programming Language.
- Make any 10 Programs using C++ Programming Language.
- Make any 20 Programs using Java Programming Language.

**Note: Only Hand Written Matter is required.**

## HISTORY & CIVICS

### History Topic

- 1- Discuss why Gupta Age is called "The Golden Age" of Indian History.  
**Or**
- 2- "Harappan Civilization" was the "First Urban Civilization" of the world. Discuss

### Civics

#### Define the following:

- |  |  |
|--|--|
| 1- Preamble                              | 19- Political Party                    |
| 2- Constitution                          | 20- By-Election                        |
| 3- Constituent Assembly                  | 21- Indirect Election                  |
| 4- Quasi Federal Government              | 22- Re-poll                            |
| 5- Universal Adult Franchise             | 23- Mid Term General Election          |
| 6- Fundamental Duties                    | 24- Model Code of Conduct              |
| 7- Fundamental Rights                    | 25- Exit Poll                          |
| 8- Single Citizenship                    | 26- Bi-Party System                    |
| 9- Election                              | 27- Election Petition                  |
| 10- Directive Principles of State Policy | 28- Welfare State                      |
| 11- Direct Election                      | 29- Dictatorship                       |
| 12- General Election                     | 30- Dual Citizenship                   |
| 13- Opinion Poll                         | 31- Monarchy                           |
| 14- Countermanding an Election           | 32- National Parties                   |
| 15- Democracy                            | 33- Unitary Government                 |
| 16- Multiparty System                    | 34- All India Parties                  |
| 17- Presidential System of Government    | 35- Parliamentary System of Government |
| 18- Federal Government                   | 36- Election Commission of India       |

**Note: All the topics of History & Civics must be supplemented with relevant pictures and examples.**

## GEOGRAPHY

- 1- Prepare a complete report on  
a) Bhopal Gas Tragedy                      b) Chernobyl Nuclear Plant Disaster
- 2- Prepare a Power Point presentation on disaster management, with brief explanation on each point with appropriate pictures.

## HOME SCIENCE

- 1- Food Preservation- Making of chutneys, pickles and jam.
- 2- Preparation of Compost Pits.
- 3- List the Food Items you have eaten any one day and classify them into Food-Groups and analyse them on the basis of their nutrient content and appearance.
- 4- Collect samples of fabrics and compare them on the basis of cost durability, appearance and suitability. Testing of fabrics- Burning Test.
- 5- Cookery: Preparation of food using simple cookery techniques such as- Boiling, Frying Steaming and Baking.

## ECONOMICS

### TOPIC-I

Students need to submit a case study on Bhopal Gas Tragedy or Chernobyl Disaster.

### TOPIC-II

Conduct a survey of the locality to find out the working and non-working population and the extent of unemployment. Students must submit following documents: -

(i) 20 Questionnaires, (ii) Your Photographs in the locality with the people conducting the Survey (Date and time must be mentioned on it), (iii) A file explaining the effect of overpopulation on India and write your findings with conclusion.

### TOPIC-III

Survey for understanding the Functions of any commercial organisation (e.g. survey of sugar factory, school, commercial bank, telephone exchange, rice mill, private or public company, local firm/industry), Students must submit following documents: -

(i) Questionnaire, (ii) Your Photographs in the organisation (Date and time must be mentioned on it), (iii) A file explaining functions of it and write your findings with conclusion.

## COMMERCIAL STUDIES

### TOPIC-I

Students need to submit a file on the following topics: -

(i) Marketing & Sales, (ii) Finance & Accounting, (iii) Human Resources, (iv) Production, (v) Purchasing & Stores, (vi) General Administration & Legal Departments.

### TOPIC-II

Write a Detailed report on Communication and its importance, method and tools used in the modern Business Organisations.

### TOPIC-III

Survey for understanding the Functions of any commercial organisation (e.g. survey of sugar factory, school, commercial bank, telephone exchange, rice mill, private or public company, local firm/industry), Students must submit following documents: -

(i) Questionnaire,  
(ii) Your Photographs in the organisation (Date and time must be mentioned on it),  
(iii) A file explaining functions of it and write your findings with conclusion.

## PHYSICAL EDUCATION

Prepare a file on any one game-

- Cricket
- Hockey
- Basketball
- Football

With History (World and Indian), Rules, Measurement, Play Ground, Referee Signals and Fitness Programme.

## S.U.P.W.

1- **File Work:** Write on the following topics:

- i) Health and Hygiene
- ii) First Aid
- iii) Photography

2- **Community Service:** Awareness drive on health and hygiene. (Students must bring a chart and a gift pack of cleanliness and sanitation products like Harpic, Phenyl, Dettol, Hand Wash, Detergent, Napthalene balls, Wiper etc).

3- **Project**

Students are required to prepare a First Aid Box.

