

## **INTEGRATED PROJECT** **SESSION-2020-21** **Project Lay-Out** **CLASS - XII**

### **SUBJECT- ENGLISH**

**CLASS- XII**

Project Lay out-Subject wise-Instructions for the Project

- The miserable plight of Poor people like Saheb-e-Alam, Mukesh and Savita is heart rending. Try to take an interview from the maid or any other such individual who visits your home frequently. Write the conversation. Use graphics as far as practicable

**N.B. You are supposed to prepare this project using calligraphy, in biology sheets. Put your sheets in a stick file**

Best Wishes  
Ibrahim Nami

### **SUBJECT- MATHEMATICS**

**CLASS-12TH**

Project Lay out-Subject wise-Instructions for the Project

- Study the nature of mathematics and make a project showing where three aspects of nature of mathematics - formalism, logic, intuition is applied in the development of mathematics.

**Complete this project in M.A. notebook.**

**SUBJECT- PHYSICS****CLASS- XII**

Project Lay out-Subject wise-Instructions for the Project

**Physics****Write the activity in loose ruled sheets****1. To study various factors on which the internal resistance of a cell depends.****SUBJECT- CHEMISTRY****CLASS- XII**

Project Lay out-Subject wise-Instructions for the Project

**Chemistry****Write the activity with diagram in plane sheets****1. To study the seven crystal systems in fourteen Bravais lattices**

**PPT + PROJECT FILE**

**TOPIC**

**"Possible effect of maternal behaviour on foetal development" .**

**What should be the essential elements of your project?**

Ideally, your project should have the following elements:

- Synopsis - This is a summary of your idea and should include the purpose of the experiment, procedure used, data, and conclusion
- Research paper - A research paper should be prepared and must be available along with the project data book with relevant written material. A research paper helps organize data as well as thoughts. A good paper includes the following sections:
  - Title page: Centre the project title, and put your name, address and school
  - Aim / Objective: The introduction sets the stage for your report. The aim includes your hypothesis, an explanation of what prompted your research and what you hoped to achieve.
  - Scientific Principle Involved: In this section describe the principal involved.
  - Material Used: List all the items used here this will help you in working out the final cost.
  - Method: This section describes how you did the study. Describe in detail the methodology used to collect your data or make your observations. Your report should be detailed enough for someone to be able to repeat the experiment. Include photographs or drawings of self-designed equipment. The research work conducted by you may have taken more than a year. In such case, include this year's work only.

- Discussion: This is the essence of your paper. The results and conclusions should flow smoothly and logically from your data. Be thorough. This should let the reader know exactly what you did, compare your results with theoretical values, published data and expected results. Include a section of possible errors. How did the data vary between repeated observations of a similar event? How were your results affected by uncontrolled events? What would you do differently if you were to repeat this project? What other experiments should be conducted?
- Conclusion: This section describes the findings and conclusion of the project. Briefly summarize your results. Be specific, do not generalize. Never introduce anything in the conclusion that has not been discussed.
- Further scope of project: This is a step further; here you describe the future scope of your experiment.
- Acknowledgement: You should always give credit to those who assisted you; they may be individuals, educational or research institutions.
- Reference list: Your reference list should include any documentation that is not your own (i.e. books, journal articles, include specific internet url's)

## **SUBJECT-Geography**

### **CLASS- XII ARTS**

#### Project Lay out-Subject wise-Instructions for the Project

- Prepare a report on Intra state migration in India with reasons.
- Prepare a detailed report on consequences of migration in India in the recent context

## **SUBJECT- History**

### **CLASS- XII**

#### Project Lay out-Subject wise-Instructions for the Project

- Prepare a short report on the topic 'The Magadh Empire'.

## **SUBJECT- Political Science**

### **CLASS- XII**

#### Project Lay out-Subject wise-Instructions for the Project

- ✚ With the help of a mind map, give the summary of the chapter challenges of nation building.

## **SUBJECT- INFORMATIC PRACTICES**

### **CLASS- XII**

#### Project Lay out-Subject wise-Instructions for the Project

- ✚ Write three program including function in IP practical notebook.

- 1. Groupby()**
- 2. Transform()**
- 3. Rename()**
- 4. Reindex()**
- 5. Apply()**
- 6. Applymap()**