

INTEGRATED PROJECT **SESSION-2020-21** **Project Lay-out**

SUBJECT- BIOLOGY

CLASS- XII

Project Lay out-Subject wise-Instructions for the Project

- Prepare a documental report on the given topic by collecting information by referring different books, journals, and other information provided in the different official websites.

TOPIC - "**Mendelian Disorders**"

- ★ **Project report:** This should consist of a formal report with all the information under various sub-headings. The inferences drawn should be included in the conclusion. It would be advisable that the students incorporate sketches, photographs, etc. in the report.
- ★ **Viva-voce:** A short viva would be conducted by the teacher in order to understand the student specific questions related to his report.

INTEGRATED PROJECT **SESSION-2020-21** **Project Lay-out**

SUBJECT-Chemistry

CLASS- XII

Project Lay out-Subject wise-Instructions for the Project

- Topic -
 1. To study the neutralization ability if different antacids
 - 2.To study the effect of metal coupling on the rate of corrosion

INTEGRATED PROJECT **SESSION-2020-21** **Project Lay-out**

SUBJECT- COMPUTER

CLASS- XII

Project Lay out-Subject wise-Instructions for the Project

Given a dictionary as shown below :

```
Marks = { 'names' : ['Sneha', 'Robert', 'Aks', 'Simran'],  
          'English' : [68, 74, 77, 78],  
          'Maths' : [84, 56, 73, 69],  
          'IP' : [78, 88, 82, 87]  
        }
```

Write a program to do the following :

- Create a dataframe namely **df_marks** from the above dictionary.
- Add a column for new subject's marks. Subject name is 'Economics'.
- The new column should have a default value as 60 for each of the row.

INTEGRATED PROJECT **SESSION-2020-21** **Project Lay-out**

SUBJECT- MATHEMATICS

CLASS- 12TH

PROJECTS/ACTIVITIES

1. OBJECTIVE : To verify Rolle's Theorem.

MATERIAL REQUIRED

A piece of plywood, wires of different lengths, white paper, sketch pen.

METHOD OF CONSTRUCTION

1. Take a cardboard of a convenient size and paste a white paper on it.
2. Take two wires of convenient size and fix them on the white paper pasted on the plywood to represent x -axis and y -axis
3. Take a piece of wire of 15 cm length and bend it in the shape of a curve and fix it on the plywood as shown in the figure.
4. Take two straight wires of the same length and fix them in such way that they are perpendicular to x -axis at the points A and B and meeting the curve at the points C and D

INTEGRATED PROJECT **SESSION-2020-21** **Project Lay-out**

SUBJECT- PHYSICAL EDUCATION

CLASS- XII

Project Lay out-Subject wise-Instructions for the Project

* Write about common postural deformities with diagram .

INTEGRATED PROJECT **SESSION-2020-21** **Project Lay-out**

SUBJECT- PHYSICS

CLASS- XII

Project Lay out-Subject wise-Instructions for the Project

- Topic -
 1. COMPARE THE EMF OF TWO GIVEN PRIMARY CELL USING POTENTIOMETER.
 2. DETERMINE THE INTERNAL RESISTANCE OF A GIVEN PRIMARY CELL USING POTENTIOMETER.

INTEGRATED PROJECT **SESSION-2020-21** **Project Lay-out**

SUBJECT- ENGLISH

CLASS- XII

Project Lay out-Subject wise-Instructions for the Project

Write all the poetic devices used in the poems (of Flamingo) you have read till now, on an A4 size white paper. Do not forget to mention the poem and the poet.