

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

SUBJECT- XI

CLASS- BIOLOGY

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 - "**Factors affecting enzyme activity rate**".
 - 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, graphs, 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- XI

Project Lay out-Subject wise-Instructions for the Project

- **Topic -**
 - 1.To measure the amount of acetic acid in vinegar
 - 2.To determining the percentage of purity of iron wire.

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

SUBJECT- COMPUTER

CLASS- XI

Project Lay out-Subject wise-Instructions for the Project

Ask the user to enter a temperature in Celsius. The program should print a message based on the temperature

- If the temperature is less than $- 273.15$, print that the temperature is absolute 0.
- If the temperature is between $- 273.15$ and 0, print that the temperature is below freezing.
- If it is 0, print that the temperature is at the freezing point.
- If it is between 0 and 100, print that the temperature is in the normal range.
- If it is 100, print that temperature is at boiling point.
- If it is above 100, print that the temperature is above the boiling point

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

SUBJECT- MATHEMATICS

CLASS- 11TH

PROJECTS/ACTIVITIES

To interpret geometrically the meaning of $i = \sqrt{-1}$ and its integral powers.

MATERIAL REQUIRED

Cardboard, chart paper, sketch pen, ruler, compasses, adhesive, nails, thread.

METHOD OF CONSTRUCTION

1. Paste a chart paper on the cardboard of a convenient size.
2. Draw two mutually perpendicular lines $X'OX$ and $Y'OY$ intersecting at the point O .
3. Take a thread of a unit length representing the number 1 along OX . Fix one end of the thread to the nail at O and the other end at A .
4. Set free the other end of the thread at A and rotate the thread through angles of 90° , 180° , 270° and 360° and mark the free end of the thread in different cases as A_1 , A_2 , A_3 and A_4 , respectively,

Link : https://drive.google.com/file/d/1PL9xdntCZBemwx_HD5yBPKHPSbXv_3L_/view?usp=sharing

To verify the relation between the degree measure and the radian measure of an angle.

MATERIAL REQUIRED

Bangle, geometry box, protractor,
thread, marker, cardboard, white.
paper.

METHOD OF CONSTRUCTION

1. Take a cardboard of a convenient size and paste a white paper on it.

2. Draw a circle using a bangle on the white paper.
3. Take a set square and place it in two different positions to find diameters PQ and RS of the circle
4. Let PQ and RS intersect at C. The point C will be the centre of the circle
5. Clearly $CP = CR = CS = CQ = \text{radius}$.

Link: <https://drive.google.com/file/d/1jRrCHahW01RskuDdlVskUPMZoILzrT-f/view?usp=sharing>

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

SUBJECT- PHYSICAL EDUCATION

CLASS- XI

Project Lay out-Subject wise-Instructions for the Project

- * Write List of all National Awardees (Dronacharya Award, Arjuna Award & Rajiv Gandhi Khel Ratna Award) year wise .

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

SUBJECT-PHYSICS

CLASS- XI

Project Lay out-Subject wise-Instructions for the Project

- **Topic -**
 1. EXPLAIN THE WORKING OF CREW GAUGE WITH THE HELP OF A LABELLED DIAGRAM.
 2. EXPLAIN THE WORKING OF A VERNIER CALIPERS WITH THE HELP OF A LABELLED DIAGRAM.

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

SUBJECT- ENGLISH

CLASS- XI

Project Lay out-Subject wise-Instructions for the Project

Given below are some hints. Construct a dialogue.

MANAGER

Any help, type of account, fill forms, two passport size, proof of identity, introduction, account holder, known to the bank, anytime between 9-1 pm. Rs 100 with withdrawal form facility, Rs.500 with cheque book facility, most welcome.

CLIENT

open an account, what procedure, photograph required, any other thing, please explain, tomorrow, minimum amount to deposit, coming tomorrow