

**Holiday Homework**  
**Class XI -SCIENCE**

**ENGLISH:**

Prepare a short play on the basis of reading of the chapter BIRTH highlighting the core value Attitude of gratitude .

हिंदी आधार -

- तुलसी कृत रामचरितमानस के सबसे छोटे कांड के प्रमुख अंशों को पढ़कर उसकी कथावस्तु 200-250 शब्दों में लिखिए।
- वार्षिक परियोजना कार्य पूर्ण कीजिये।

**PHYSICS:**

- 1) Write a Scientific biography for the fourth Quarter.
- 2) Attempt 10 Numericals from thermal Properties and Covered part of S.H.M.
- 3) Complete the written work of Practicals.
- 4) Read the Chapter Oscillations and waves

**CHEMISTRY:**

1. Write a scientific biography for IV quarter.
2. Attempt all the numerical questions from ncert of taught chapters in numerical copies.
3. Complete the practical work.

**BIOLOGY:**

1. Write Scientist Biography for quarter IV
2. Complete Class work and Practical work.
3. Read the chapter chemical control and integration.

**MATHS:**

Revise Trigonometric function ,Probability, Sequence and series,  
Straight lines, Binomial theorem, Statistics ,Linear Inequalities,  
Introduction to 3D, Complex number.  
Prepare a project on any topic.

**BANKING:**

Project File: Prepare a 15-20 page handwritten project on topics like  
'Digital Banking,' 'Financial Inclusion,' 'Role of Banks in Economic  
Development,' or 'E-Commerce & Banking'.

**MUSIC: Hindustani music vocal**

1. Recitation of the thekas of teental Ek Taal chautal Dugun Tigun and Chauhan keeping Taal with a hand beats .
2. one devotional song practice in rag bharavi

**Food production:**

Chapter no 8: method of cooking: section: effect of heat  
on vegetable till question answer  
. Summary  
. Question answer  
. Self written notes

**Hin.Per.Ins 036 (Tabla)**

1. Write the theka of Ektaal & Chartaal in Thah, Dugun, Tigun & chaugun laya with tala notation system ?
2. Which present day artist of tabla impress you with his/her style of Playing?

## **YOGA skill subject (841)**

### **UNIT- 3**

#### **YOGA FOR HEALTH PROMOTION-I**

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Topic:

- \*Role of yoga for health promotion
- \*Yogic attitude and practices
- \*Holistic benefits of yoga .
- \*Development of personality. traits through yogic attitude and practices .
- \*Introduction to yogic diet.
- \*Concept of aahara.
- \*Digestive system & Respiratory system.

△ Students read the chapter thoroughly and make self handwritten notes in the subject copy.

#### **Subject: Physical Education(048)**

##### **Holiday Homework (Activity Based)**

Activity 1: Daily Physical Fitness Routine

Write its Objective:

Procedure:

Activity 2: Yoga Practice

Objective:

Procedure:

Practice Tadasana and Vrikshasana daily.

Hold each asana for 20–30 seconds.

Repeat each asana 3 times.

Outcome:

Benefits:

Activity 3: Play any y Sports and write it's Skill Practice (Example Football, basketball, badminton etc.)

Objective:

Procedure:

Outcome:

Activity 4: Fitness Record Chart

Date

Activity Performed

Time (Minutes)

Outcomes

Remarks

Write in a project file .

**Subject: Mass Media**

Make a small video on the effect of winter on poor people (Document people on streets on how they warm themselves and their lifestyle during winters.)

**Subject: AI**

Prepare a power point on Linear regression, multiple regression and KNN explaining their utility and scope in ML.

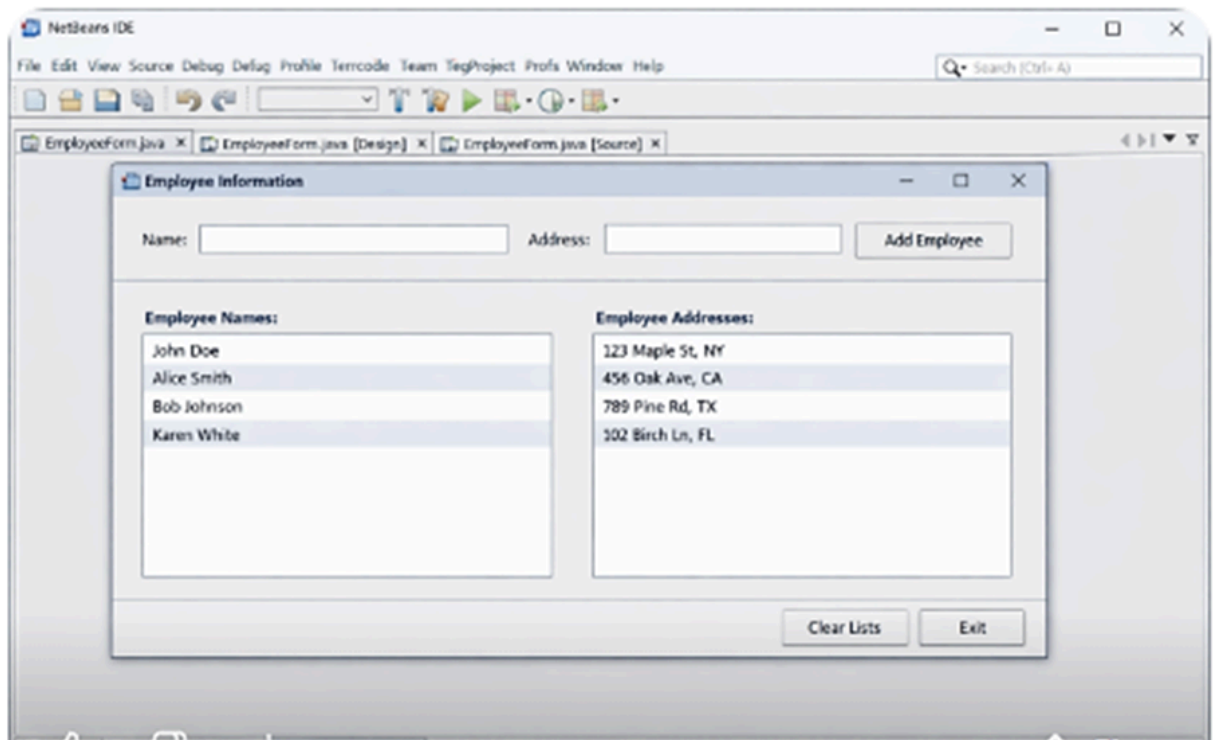
**Subject: Computer Science**

Write a program to create a dictionary of employees containing 5 records with {empno, name, salary, post}, create a menu

1. Add new employee
2. Delete an employee
3. Update and employee
4. Search an employee
5. Exit

## Subject: IT

Write code for the Add Employee button to store the name and address of employees in two list boxes as shown below.



## Psychology:

Interview 5 different people in your surrounding and find out their primary motivation factors. Determine what is their level of need as per Maslow's Hierarchy of Needs.