



ARMY PUBLIC SCHOOL BIRPUR

WINTER BREAK HOLIDAY HOMEWORK

SESSION: 2023-24

Class: 11

ENGLISH

1. Prepare a presentable project file on any topic from the textbooks of class 11.
2. The project must cover 5 interviews related to the topic along with at least 5 Ques/Ans
3. Attach pictures as well.
4. The project file must be submitted in a proper way like presentable front page, acknowledgement, certificate index, about the writer/poet, his/her work and achievements, analysis of the lesson, research etc.
5. Revise all the Chapters of Term-1

हिंदी शीतकालीन अवकाश गृहकार्य

1. परियोजना फ़ाइल पूर्ण करें।
2. विद्यालय पत्रिका हेतु लेख/कविता/जानकारी टाईप करके अध्यापिका को मेल करें।
3. 'आलो आँधारी' (वितान) पाठ पढ़ें, समझें एवं प्रश्नोत्तर उत्तर पुस्तिका में लिखें।

MATHS

1. Do Activity 1,2,3,5,6 ,7,8 and 10 in your Laboratory Manual book
2. Revise Entire syllabus Covered in the class.
3. Do 10 questions from each Chapter Covered in class in your maths notebook

PHYSICS

Prepare a investigatory project .

Prepare 20 MCQ , 10 each on Chapter Mechanical Properties of Fluid and Thermal Properties of matter

Prepare case study on Bernoulli Theorem

Complete the practical file.

CHEMISTRY

1. Prepare a project on any topic of class XI Chemistry.
2. Practice numerical from NCERT
3. Complete Chemistry practical file
4. Revise all the chapters

BIOLOGY

1. Prepare PowerPoint presentation on any one of the following topics-
 - Cell Cycle
 - Excretory Products and their Elimination

- Locomotion and Movement
- Biomolecules

2. Make an herbarium file pasting the dried specimens of flowers and their leaves belonging to different families giving their classification including Botanical name, Vernacular name and family. Write down two points of their importance too.
3. Complete your Practical and Project file.
4. Revise the syllabus covered and prepare well for the test

HISTORY

PROJECT FOR ANNUAL EXAMINATION

GEOGRAPHY

Project-1. World Climate and Climate Change
OR
Biodiversity and conservation

2. Complete the practical file work

POL SCIENCE

Completion of project files and notebook work.

B STUDIES

Completion of project files and notebook work.

ACCOUNTANCY

Completion of project files and notebook work.

ECONOMICS

Completion of project files and notebook work.

PSYCHOLOGY

Complete the 2 psychological experiments discussed in the class
Syllables and non syllables
magic miller's pg 135 Activity 7.1

INFORMATICS PRACTICES

- Q1. Write a Python program to input cost of goods (cgos), revenue generated, operating costs (oc) and prints Gross Profit, net profit, and net profit percentage. [Hint: net profit = revenue – cgos – oc]
- Q2. Write a program in Python to input temperatures of 7 days (Monday, Tuesday, Sunday) and print the average temperature of the week.
- Q3. Write a program that reads the number of seconds and prints it in the form hours minutes seconds. For example, if the number of seconds is 3940, then the output should be 1 hour 5 minutes 40 seconds.
- Q4. Find the output produced by the following:
 - a. a,b,c = 2,8,9 print(a,b,c) c,b,a = a,b,c print(a,b,c)
 - b. x=40 y=x+1 x=20,y+x print(x,y)
 - c. a,b=12,13 c,b=a*2,a/2 print(a,b,c)
 - d. a,b,c=10,20,30

```
p,q,r=c-5,a+3,b-4
print('a,b,c:', a, b, c, end=' ')
print('p,q r:', p, q, r)
```

HINDUSTANI CLASSICAL

1. Make a project file & write
 - a. Give the introduction of Raag Bhairavi and bhimplasi along with notation and taan.
 - b. Raag bhairavi tarana
 - c. Taal :- Teentaal , kherwa, dadra
 - d. Introduce any of the following: Pt VN Batkhande , Pt VD pulaskar, Taanseen

PAINITNG

- Make one paper mache craft item(peacock,fish,turtlr ,swam, etc) It will be of 20 marks included in your final practicals
- Complete 18 paintings in art file topics including
 - 1 folk art
 - 2 portraits
 - 2 posters
 - 3 picture compositions
 - 5 landscapes
 - 6 still life

PHYSICAL EDUCATION

1. Write down different types of Movements with images from Chapter 8 Fundamentals of Kinesiology and Biomechanics in sports
2. Write down all the points for Management of Adolescent problems with suitable examples from Ch 9 Psychology and sports

YOGA

1. Complete practical file and Project Work
2. Notebook Submission

Work for practical file

- a. Sushmvayam
- b. Suryanamshkar
- c. Asana (Any Five)
 1. Halasana
 2. Pashchimotasana
 3. Bhujangasana
 4. Shalabasana
 5. Gumukhasana
 6. Vajrasana
 7. Ustrasana
 8. Shitili Parayama