



DAV PUBLIC SCHOOL, KAILASH HILLS
Holiday Homework (2024-25)
XII-A

Dear students

As you get this break of summer vacation, in the memorable last year of your school journey, do make the best use of this time towards your academic preparation and acquiring important information and skills for your future prospects, striking a balance between studies and funtime.

Happy Holidays...

ENGLISH

Literature

Practise the Assertion reasoning questions and do the case based competency based questions for the following chapters in your CW notebooks given in the question bank

1. The Last Lesson
2. Lost Spring
3. Deep Water
4. Indigo
5. The Rattrap

Writing Skills

Practise the questions given in the question bank for the following topics

1. Notice
2. Job application

PHYSICS

Revise Chapters

- *Electric Charges and Fields
- *Electric Potential and Capacitance
- *Current Electricity
- *Magnetic effects of Current

and do questions of these chapters from the Question bank in the assignment register.

CHEMISTRY

Complete the assignment of the chapters which have been covered in the class, from the question bank.

BIOLOGY

A. Select a topic for your **project** and prepare a report on it. (Discuss your topic before preparing a report.)

The topic can be selected from any recent development in the field of Biology or any concept/phenomenon of Biology that you are interested in studying at a greater depth. (Eg. Lac culture, Makhana cultivation, Hydroponics, GM crop, Covid Vaccines, Bioplastics, any disease with a case study etc).

Points to be included in report :

- Topic heading/cover sheet
- Index (List of Content)
- Introduction (Brief description of your topic and reason for selecting it)
- Background knowledge related to topic
- Detailed information (in a sequential manner)

If it is an investigatory project involving an experiment/data collection, then include the following: Aim, Materials required, Procedure, Observations, Result, and Precautions.

Or

Place/Institute visited, objective behind visit, people/Experts met, information collection (in form of interview/questionnaire), observations done (Photos supporting your descriptive account), analysis of data, conclusion drawn.

- A brief note on understanding developed through this project.
- Bibliography (Name of book (chapter), author of the book, specific WebPages referred)

Instructions :-

1. Use plain/ruled A4 size sheets for report writing.
2. Don't use sparkle pens or red/pink/green coloured pens.
3. Use pictures, drawings, graphs, concept maps to make your content catchy and interesting. Pictures pasted must be relevant and related to the topic.
4. Report has to be written by hand only.
5. Don't spiral bind your report before discussing it with me after vacations.

B. Revise the following chapters for **UT1** and complete the assignment of the following chapters from the Question Bank provided to you.

- **Ch**-Sexual Reproduction in Flowering Plants,
- **Ch**- Human Reproduction,
- **Ch**- Reproductive Health,
- **Ch**- Microbes in Human welfare,
- **Ch**- Human health and diseases (Diseases table)

C. Observe the flora and fauna around you (at home, garden/ parks, places you visit) and capture the pictures highlighting the morphological beauty or the peculiar behaviour of the plant, fungus or animal. Give a creative caption to the photograph and upload in the given link to be a part of Biodiversity photography presentation.

<https://forms.gle/b6tRFp7Bh8eNXA1K8>

D.Download the NEET bulletin (or any other exam like CUET that you plan to appear next year) of 2024-25 and note down the month of issue of application forms. Read the newspaper and keep a track of courses and colleges, admission procedure, their selection criterion and cut offs.

MATHEMATICS

1.Complete the assignment of the following chapters from the Question Bank provided to you:

1. Probability
2. Linear Programming
3. Continuity and Differentiability
4. Inverse Trigonometry
5. Matrices

2. Complete the activity file that is a practical note book based on the following chapters which are covered in the classroom.

1. Matrices
2. Probability
3. Inverse Trigonometry
4. Linear programming
5. Differentiability.

HOME SCIENCE

Complete the assignment of the following chapters from the Question Bank provided to you:

Ch-1: Work, livelihood and career

Ch-2: Clinical Nutrition

Ch-3: Public Nutrition and Health

Complete the practical file as per the instructions given in class:

INSTRUCTIONS:

1. Use A4 size coloured sheets (one side ruled and other side blank)
2. Write all the practicals as explained in class.
3. Draw the desired tables on blank sides of the sheets.
4. Paste the desired samples on the blank side of the sheets.
5. File should be neat and creative.

Prepare the project as per the topic chosen in class till the following parts:

Introduction

Methodology

Target audience/individual

Case profile (where required)

Both files will be evaluated and viva voce will be conducted as a part of the 30 mark practical, part of the first term examination.

MUSIC

- 1: Definitions अलंकार, कण, मुर्की, खटका, मींड, आलाप, तान
- 2: रागों का समय सिद्धांत
- 3: राग भैरव का परिचय
- 4: राग भैरव की स्वर्लिपी: छोटे ख्याल (जागो मोहन प्यारे) याद करें तथा लिखने का अभ्यास करें
- 5: राग भैरव तराने की स्वर्लिपी याद करें तथा लिखने का अभ्यास करें
- 6: राग भैरव के छोटे ख्याल की तानें तथा अलाप याद करें तथा लिखें
- 7: साधारण अलंकारों का अभ्यास वही अलंकारों में रे, ध स्वर कोमल करके अभ्यास करें
- 8: रूपक ताल तथा झप ताल को एकगुण, दोगुण, तिगुण, चौगुण में लिखें।
- 9: राग भैरव, मालकौंस और बागेश्वरी को जरूर हफ्तों में 4-5 बार सुने और साथ में गाने का अभ्यास करें।

Make a file for final exam

- 1: जीवन परिचय 1: पण्डित कृष्ण रावो शंकर
2: उस्ताद बड़े गुलाम अली खान
- 2: रूपक तथा झप ताल को एकगुण, दोगुण, तिगुण, चौगुण में लिखें
- 3: राग भैरव का परिचय।
- 4: राग भैरव की स्वरलिपी: छोटे ख्याल (जागो मोहन प्यारे)
- 5: राग भैरव के तराने की स्वरलिपी लिखें।
- 6: तानपुरे के अंगों का चित्र सहित वर्णन।
- 7: तबल के अंगों का चित्र सहित वर्णन।
- 8: हारमोनियम के अंगों का चित्र सहित वर्णन।

PAINTING

Theory - Revise Unit 1 of your book and also go through the assignments of your question Bank provided to you.

- 1) Six limbs of art
- 2) Fundamentals of visual art
- 3) A brief introduction to Indian Miniature schools
- 4) The Rajasthani school of miniature painting
- 5) The Pahari School of miniature painting

Practical-1)

Painting composition- 03 works (Make a painting composition with 3 human figures with their environment .

Topic (Any 03) - Market scene , Any sports , Any Festival , Family Get together

Practical 2)

Still life - 03 works (Reference shared in class whatsapp group)

Practical 3)

Folk Art of India - 02 works (Make any 2 folk art paintings of India also write the name of the painting with name of its Indian state)

(**Note** :* All these works are already discussed and started in the class if you have any queries then pls ask me and try to finish this work which is counted in the final assessment of board Practical exam 2024-25

*Cover your portfolio with green sheet also write name , class , Sec , Year and index inside the portfolio)
