



SUMMER VACATION HOME WORK

CLASS: XII (2024-25)

ACCOUNTANCY

- Prepare a project on Journal, Ratio and Cash flow.
- Do all the additional question of the covered chapters.
- Prepare a PPT on online frauds

Economics

- Do 20 questions from each method related to national income
- Prepare a project on national income and its aggregates
- Prepare a PPT on any one chapter out of 6 chapters of your syllabus.

Business Studies

- Prepare notes of 6th chapter.
- Learn all the questions of exercise given at back of each chapter.
- Prepare a project on management principles (general and scientific)
- Prepare a PPT on any one chapter out of total 12 chapters of your syllabus.

Marketing

- A. Make a project on any product of your choice describing its USP, Competitors, SWOT analysis, Tagline, logo, promotional schemes, social message, price, labelling etc
- B. Learn and prepare notes of Unit 1 (Product)

Psychology

1. Learn and revise chapter 1 to 3.
2. Complete the answers of all questions given at the end of each chapter 1 to 3 in Psychology notebook.
3. Watch psychological theme-based movies and prepare a list of various psychological disorders and their symptoms depicted in movies.
4. Visit a psychologist nearby and write a case study under his supervision.

Political Science

1. On a Political Map of India mark the States and Union Territories and write the state wise representation of Lok Sabha seats.
2. Make a chart of ANY TEN Political Parties with their Symbols and Leaders. (Draw or paste the pictures)
3. A thorough examination of how electronic voting machines affect electoral fraud in the general election of 2024.

4. Blue Star Operation.

5. The urban naxals: who are they?

Physical Education

1. Make MCQ's of all three Chapters (Ch - 01,Ch -02 Ch - 05) 30 mcq of each Chapter in your PHE note book.

2. In your Physical education Practical file write History, general rules, Skills, Specifications, famous players, awardees name & draw volleyball court.

English

A. Syllabus Revision and Practice:

1. Revise the syllabus covered so far.
2. Solve both Set A and Set B of UT-1 (Writing and Literature section).

B. Reading and Mind Mapping:

3. Read and make mind maps of the following chapters:
Vistas: "The Enemy".
Flamingo: "The Rattrap" and "Poets and Pancakes".

C. Research Assignments:

4. Research and write about the Earth in reference to chapter 3: "Journey to the End of the Earth"(Flamingo) (100-150 words).
5. Research and write about the authors/poets (50-60 words) of all the chapters/poems covered so far.

D. Values Reflection:

6. Write a paragraph in 50-60 words about the values learnt in each chapter in both Flamingo and Vistas.
(Hint: Values Based Paragraph
The Last lesson- Value of Education/mother language
Lost spring- Child Labour/Poverty in India
Deep Water- Diligence and Perseverance
The Rattrap- Kindness)

Note: The Holidays Homework must be done in the fair notebook only.

History

Compare the Gupta society and administration with the Mauran society and administration described in

your chapter. Also mention about the contribution of rulers.

Word Limit: 1000-1500 words

Prepare a PPT on Ancient Indian temples Buddhist stupas.

Word Limit: 800-1000 words (excluding pictures and titles)

Make a collage using the pictures of things or artifacts associated with Mature Harappan Civilisation.

Revise the syllabus covered in class .

Submission Guidelines:

1. Work should be done by the student himself or herself
2. It should not be downloaded from the Google
3. E-mail your PPT on homeworksheetalmaam@gmail.com
4. The work should be neat and clean

Submission Deadline: 7 July 2024

Fine Art

Make paintings on the given topics

1. Still life (3)
2. Compositions (3)
3. poster making= kargil vijay Diwas and yoga day (2)
4. Folk Art = Madhubani painting (1)
5. food advertisement poster ads- food items
6. Like (fruit juice) fast food (1)

Physics

- 1:- Visit the Mobile repair shop or LED repair shop . Make a list of working of diode ,LED ,capacitors and resistors in electronic circuit.
- 2:- Explain the working of Transformers(Step up and step down transformers)
- 3:- Make a working model for Science exhibition.

Chemistry

1. Practice ncert exercises, exemplary, case based and assertion reason questions based upon SOLUTIONS and ELECTROCHEMISTRY.
2. Practical - Salt analysis (Lead acetate, Ammonium chloride)
3. One Project based upon anyone of Colligative property / electrochemical cell/Lead storage battery/Fuel cell

Music

1. Detail study of the followings – Alankar, Aalaap, Taan, Kan, Khatka, Murki, Meend and Gamak .

2. Detail study of the followings – Graam, Murchhana
3. Complete Informations of Raag Malkauns and Raag Bhairav (Raag Parichaye) .

BIOLOGY

1. Prepare investigatory project report on the assigned topics.
2. Frame Higher order thinking skill based questions (20 Multiple choice questions and 5 subjective questions) along with answer key (These questions should not be copied from anywhere) from chapters 1-4.
3. Revise Unit- 1 and chapter 4 from Unit-2
4. Prepare a working/ 3-D innovative model for science exhibition (model should be based on any concept of Biology, it should be cost- effective and eco-friendly)

Mathematics

Revise Chapters – 2, 3, 4, 5 of NCERT.

Chapter 2 : Inverse Trigonometric Functions

Chapter 3 : Matrices

Chapter 4 : Determinants

Chapter 5 : Continuity and Differentiability

Do the given assignments of chapters 2, 3, 4 and 5.

Make a working model on any concept related to Chapters 2,3,4,5

Computer Science

Python Programming : Complete the following programs on C

- Input three numbers and display the largest / smallest number.
- Generate the following patterns using nested loops:

Pattern-1	Pattern-2	Pattern-3
<pre> * ** *** **** ***** </pre>	<pre> 12345 1234 123 12 1 </pre>	<pre> A AB ABC ABCD ABCDE </pre>
<p>Pattern-4</p> <pre> 1 12 123 1234 </pre>	<p>Pattern-5</p> <pre> 54321 5432 543 54 </pre>	<p>Pattern-6</p> <pre> 12345 1234 123 12 </pre>

- Write a program to input the value of x and n and print the sum of the following series:

➤
$$1 + x^2 + x^3 + x^4 + \dots + x^n$$

➤
$$1 - x + x^2 - x^3 + x^4 - \dots + x^n$$

➤
$$1 + x + \frac{x^2}{2} + \frac{x^3}{3} + \dots + \frac{x^n}{n}$$

➤
$$1 + x + \frac{x^2}{2!} + \frac{x^3}{3!} + \dots + \frac{x^n}{n!}$$

- Determine whether a number is a perfect number, an Armstrong number or a palindrome.
- Input a number and check if the number is a prime or composite number.
- Display the terms of a Fibonacci series.
- Compute the greatest common divisor and least common multiple of two integers.
- Read a text file line by line and display each word separated by a #.
- Read a text file and display the number of vowels/consonants/uppercase/lowercase characters in the file.
- Remove all the lines that contain the character 'a' in a file and write it to another file.

