HOLIDAY HOMEWORK

CLASS 11

"Green Minds, Creative Hands –

Let's Make Homework Earth-Friendly!"

In line with our Green Policy, we encourage all students to prepare their Holiday Homework (HHW) using only biodegradable and eco-friendly materials. Say no to plastic files, folders, and thermocol—HHW in such materials will not be accepted. To promote creativity and environmental responsibility, extra credits will be awarded for innovative use of sustainable resources. Let's join hands to protect our planet while making learning fun and meaningful!
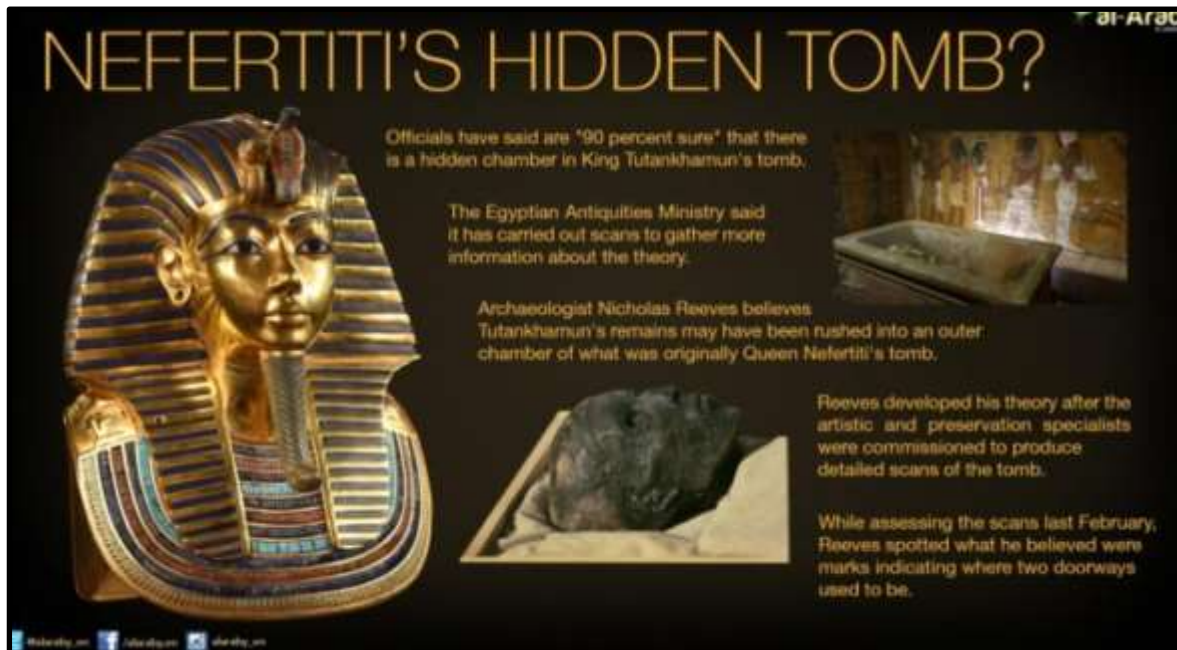
HOLIDAY HOMEWORK
CLASS XI
ENGLISH

Ques 1: Write a 2-page biography of a grandparent Give it a title 'Portrait' of my grandmother/ grandfather. You must include descriptions, pictures, an interview and anecdotes about your relationship. Take a small interview with 5 interesting questions and add it to the biography.

Ques 2: Design a short documentary project or an interactive treasure hunt/escape room experience based on King Tutankhamun and the Valley of the Kings. Include detailed research on ancient Egyptian civilization, key discoveries, myths, and interesting facts about King Tut. Use images, articles, and artifacts to enhance the presentation.

Ques 3: After reading any book from the list provided, write a detailed book review in 2000 – 2500 words. Your review must include a creative book jacket (cover design with title, author's name, and artwork) and should cover the following points:

- Brief summary of the plot
- Description of the setting (time and place)
- Detailed analysis of main characters and their development
- Major themes and messages of the book
- Personal opinion and critical evaluation
- Favorite quotes or scenes (optional)
- Recommendation: Who would you suggest this book to and why?

CURATED COMPILATIONS

- The Catcher in the Rye
- Lord of the Flies
- The Thorn Birds
- Gone with the Wind
- The Godfather
- Kane and Abel
- Siddhartha
- The Kite Runner
- The Power of Now
- Freakonomics
- Vagabonding

CLASSIC FAVOURITES NOVELS

- Moby Dick
- The Scarlet Letter
- The Great Gatsby
- To Kill a Mockingbird

TOP BRITISH NOVELS

- Pride and Prejudice
- Wuthering Heights
- Mayor of Casterbridge
- Oliver Twist
- Mill on the Floss
- Napolean Hill

Class XI
Chemistry
Summer Vacation
Holiday Home Work
2025-26

- **Revision and Assignments:**
Revise each unit covered in class and complete the assignments provided. All work should be done neatly in your classwork register.

- **NCERT Back Exercises:**
In a separate thin register, complete the NCERT back exercises for Units I and II, as covered prior to the summer break.

- **Numerical Practice:**
In the same thin register, solve 15 numerical problems each from Unit I and Unit II (total 30 numericals), using any standard reference book.

- **Working Model:**
Prepare a working model based on any concept from the Chemistry syllabus. Submit a brief explanatory report on an A4 sheet along with the model.

- **Self-Study and Notes:**
Read Unit III – *Classification of Elements and Periodicity in Properties*, and prepare comprehensive notes for the same.

- **PowerPoint Presentation on SDGs:**
Study the Sustainable Development Goals (SDGs) set by the United Nations and prepare a short, creative, and well-illustrated PowerPoint presentation (maximum 10 slides). Ensure that your presentation highlights how Chemistry plays a role in achieving these goals, with relevant examples and applications.

Holidays Homework

Class XI

1. Look around you the areas where concepts of Physics are used in day-to-day life, based on your understanding of Physics write down one area where you applied Physics and made things easier for yourself and your family.

2. **INDIVIDUAL PROJECT WORK: -**

   To promote experiential leaning and art integration students shall prepare working model (for display in exhibition) & its PPT explaining the principle and other Applications of the concept used for Display Board. The students shall be evaluated based on the individual contribution, originality and aesthetics.

Roll No	Topics for project work
(1-6)	Kinematics +Dynamics
(7-12)	Rotation & center of mass
(13-18)	Fluid statics
(19-24)	Fluid Dynamics
(25-30)	Surface Tension
(31-36)	Heat and Thermodynamics
(37-45)	Waves and Oscillation

HOLIDAYS HOMEWORK CLASS XI C
SESSION 2025-26
BIOLOGY (044)

1. Make one board based game on any topic of class XI Biology.
2. Research in-depth on any two branches of your interest in biology. Present a detailed report in class. Report should include what the field entails, scope, the names of universities and colleges in which available and how to pursue further studies in the same.
3. Finalize one investigatory project idea. Prepare google link for the questionnaire. Discuss when school reopens.

   The submission of the final project black and white print will be due in half yearly exam. You could explore the link provided for the same.

   The project report should be prepared in the following sequence-
    Cover page should include the title of the Project, student information, school and year. Certificate
   Acknowledgement
   Index
   Project Content
   Case study
   Conclusion
   Bibliography
4. Write the scientific names and common names of 10 common plants around you.
5. Complete the notes, back exercise and assignments of chapters completed.

Holidays Homework

Class XI – Computer Science

Unit 3: Society, Law and Ethics

Note: All work must be original, handwritten, and submitted as instructed.

1. Group Presentation

Topic: *Society, Law and Ethics in the Digital World*
Instructions:

- Work in groups of **2 to 4 students**.
- Create a **presentation (minimum 15 content slides)** on **any 3 topics** from Unit 3.
- Your slides must include:
  - Title of topic
  - Clear definitions with examples
  - Recent cases or real-life relevance
  - Visual elements (images, charts, icons)
  - Preventive or awareness tips where applicable
- Include a **"Welcome"** and **"Thank You"** slide (not counted in the 15 minimum).
- Each member must present part of the topic when the presentation is conducted in class.

Suggested Topics to Choose From (Pick any 3):

- Digital Footprints and Online Identity
- Intellectual Property Rights and Licensing (Copyright, Patent, GPL, CC etc.)
- Cybercrime and Cyber Safety
- E-waste Management
- Technology and Social Equity (Gender, Disability, Access)

2. Research & Handwritten Report (800–1000 words)

Choose Any Two Topics from Below:
You must write an **original**, **handwritten report** in **your own words**. No AI or direct internet copy-paste allowed.

a. The importance of Digital Footprints and how to protect your online identity.
b. Plagiarism and IPR Infringement: Why respecting digital ownership matters.
c. Cybercrime in India: Types, recent cases, and prevention strategies.
d. Open Source vs. Proprietary Software: Pros, cons, and famous licenses.
e. E-waste: Environmental impact and safe disposal practices.
f. Gender & Disability Inclusion in Technology: Challenges and solutions.

Submission Checklist

- 📎 Group Presentation (Printed/Shared Link + Viva)
- 📄 Two Handwritten Reports (800–1000 words each)
- 📅 Deadline clearly followed

HOLIDAY HOMEWORK CLASS11-2025-26

MATHEMATICS CLASS11

SECTION A

PERMUTATIONS AND COMBINATIONS

Q1.In how many ways can 3 letters be posted in 4 letter boxes?

Q2.A person wants to invite 6 people for a party.In how many ways can he send invitation cards to them if he has three servants to carry the cards.

Q3.How many different words can be formed with the letters of theword "GANESHPURI".In how many words
i) letter G occupies the first place?
  ii)   Lette r P and I occupy first and last place respectively?
  iii)   The vowels are always together?
  iv)   Vowels occupy even places?

Q4.Find the number of words that can be formed by using all the letters of theword
  i) EXERCISES (ii)CONSTANTINOPLE

Q5.In 6 tosses of a coin ,find the number of ways of getting 4 heads and two

tails.

Q6.Find the number of diagonals and triangles formed in a decagon.

Q7.If the letters of the word "SURITI" are written in all possible orders and arranged in the dictionary.
What is the rank of the word" SURITI"?

Q8. A box contains two white, three black and four red balls. In how many ways can three balls be drawn from the box, if at least one black ball is to be included in the draw.

Q9.How many 4 letter words can be formed using "FAILURE" so that
        i)   F is included in each word
        ii)   F is not included in any word

Q10.In how many ways 9 examination papers be arranged so that the
best and the worst papers never come together.

Q11.Out of 18 points in a plane,no three are in same straight line except five points which arecollinear.

Find the number of   i)triangles formed   ii)straight lines formed

Q12.How many words can be formed by "ARTICLE" so that vowels occupy even places.

Q13. Find the number of 5-digit telephone numbers having atleast one of the digits repeated.

Q14.There are five boys and three girls.In how many ways can they sit so that no three girls are together.

Q15.There are 10 lamps in a hall.Each one of them can be switched on independently.Find the number Of ways in which the room can be illuminated.

Q16.A committee of 6 is to be chosen from 10 men and 7 women,so as to contain atleast 3 men and 2 women.In it.
In how many different ways can this be done,if two particular women refuse to serve on the same committee?

MCQ QUESTIONS

1. The number of five – digit telephone numbers having at least one of their digits repeated is
    A) 90000   B) 100000   C) 30240   D) 69760
2. The number of words from the letters of the word "BHARAT" in which B and H will never come together is
    A) 360   B)240   C) 120   D) 480
3. The number of different signals which can be given from 6 flags of different colours taking one or more at a time , is
    A) 1958   B) 1956   C) 16   D) 64
4. Number of all 4 digit numbers having different digits formed of the digits 1, 2 , 3 , 4 and 5 and divisible by 4 is
    A) 24   B) 30   C) 125   D) 100
5. In a room there are 12 bulbs of the same wattage , each having a separate switch. The number of ways to light the room with different amounts of illumination is

A) $12^2 - 1$ B) 2^{12} C) $2^{12} - 1$ D) 12^2

6. Three persons enter a railway compartment. If there are 5 seats vacant , in how many ways can they take these seats?

A) 60   B) 20   C) 15   D) 125

7. The number of ways in which a host lady can invite for a party of 8 out of 12 people of whom two do not want to attend the party together is

A) $^{11}C_7 + {}^{10}C_8$ B) $^{12}C_7 + {}^{10}C_8$ C) $^{12}C_8 - {}^{10}C_6$ D) none of these

ASSERTION-REASON QUESTIONS

In the following questions, a statement of Assertion (A) is followed by a statement of Reason (R).

Choose the correct answer out of the following choices.

(a) Both A and R are true and R is the correct explanation of A.

(b) Both A and R are true and R is not the correct explanation of A.

(c) A is true but R is false.

(d) A is false but R is true.

Q1. **ASSERTION(A):** Number of diagonals in an octagon is 20.
REASON (R) : Number of diagonals in a polygon of n sides is $\frac{n(n-3)}{2}$.

Q2. **ASSERTION(A):** The number of ways in which 5 persons can occupy 3 seats is 60.
REASON (R): Number of all permutations of n dissimilar things taken r at a time is given by $^nP_r = \frac{n!}{(n-r)!}$

CASE STUDY BASED QUESTIONS

Q1. A state cricket authority has to choose a team of 11 members, to do it so the authority ask 2 coaches of a government academy to select the team Members that have experience as well as best performer in the last 15 matches. They can make up a team of 11 criceters amongst 15 possible candidates in which 5 players can bowl.

(a) In how many ways can the final eleven be selected from 15 cricket players ?
(b) In how many ways can the final eleven be selected if exactly 4 bowlers must be included.
(c) In how many ways can the final eleven be selected if all bowlers must be included.

Q2. A school is organizing a college tour with limited spots available for students and teachers.

a) The bus can only take 15 students and 3 teachers. If there are 25 students and 5 teachers available, in how many ways can the bus be filled?
b) Assume that once students and teachers are chosen, they must sit in a specific seating arrangement on the bus. In how many different ways can the students and teachers sit in the 18 seats?
c) If the group must choose a leader from the selected students and one from the teachers, in how many ways can the group leaders be selected?

Q3. The student council is forming a committee with specific roles.

a) The committee will consist of a president, vice-president, secretary, and treasurer, selected from a pool of 10 candidates. In how many ways can the council assign these positions?
b) If the committee also needs 4 general members and these positions are not distinguished, in how many ways can 4 students be chosen from the remaining candidates to fill these positions?
c) Suppose the roles must be filled in a specific order of presentation (e.g., president speaks first, vice-president second). How many ways are there to arrange the speakers?

TRIGONOMETRY

Prove the following Identities

28. $\dfrac{\tan 5\theta + \tan 3\theta}{\tan 5\theta - \tan 3\theta} = 4\cos 2\theta . \cos 4\theta$.

29. $\dfrac{\cos x + \sin x}{\cos x - \sin x} - \dfrac{\cos x - \sin x}{\cos x + \sin x} = 2\tan 2x$.

30. $\dfrac{\cos 4x \sin 3x - \cos 2x \sin x}{\sin 4x . \sin x + \cos 6x . \cos x} = \tan 2x$.

31. $\dfrac{1 + \sin\theta - \cos\theta}{1 + \sin\theta + \cos\theta} = \tan\dfrac{\theta}{2}$.

32. $\tan\alpha . \tan(60° - \alpha) . \tan(60° + \alpha) = \tan 3\alpha .$

33. $\sqrt{2 + \sqrt{2 + 2\cos 4\theta}} = 2\cos\theta$.

34. $\dfrac{\cos x}{1 - \sin x} = \tan\left(\dfrac{\pi}{4} + \dfrac{x}{2}\right)$.

35. $\cos 10° + \cos 110° + \cos 130° = 0 .$

36. $\dfrac{\sin(x+y) - 2\sin x + \sin(x-y)}{\cos(x+y) - 2\cos x + \cos(x-y)} = \tan x$

37. $\sin x + \sin 2x + \sin 4x + \sin 5x = 4\cos\dfrac{x}{2} . \cos\dfrac{3x}{2} . \sin 3x$

38. $\dfrac{\sec 8\theta - 1}{\sec 4\theta - 1} = \dfrac{\tan 8\theta}{\tan 2\theta}$

39. Find the value of $\sqrt{3}\cosec 20° - \sec 20°$

40. Draw the graph of $\cos x$, $\sin x$ and $\tan x$ in $[0, 2\pi]$.

SECTION C

MAKE A PPT ON APPLICATION OF CONIC SECTIONS IN REAL LIFE.

Class 11 – Political Science
Topic: Constitution at Work
Summer Holiday Homework (HHW)

Objective: To develop critical thinking and research skills through the analysis of constitutional principles and their real-world application.

Instructions:

1. Complete individually.
2. Maintain academic honesty—no plagiarism.
3. Submit on the first day of the new session.
4. Use diverse resources (e.g., constitutional texts, case studies, news, journals).
5. Present your work neatly and professionally.

Tasks:

- **Task 1: Case Study Analysis (20 marks)**
  Analyze a recent constitutional issue or verdict. Address the principles involved, stakeholder arguments, judicial interpretation, and its impact on governance.
- **Task 2: Comparative Study (15 marks)**
  Compare constitutions of two countries with different systems. Focus on institutional structure, rights protection, amendment processes, and governance impact.
- **Task 3: Reform Proposal (20 marks)**
  Identify an area of the Indian Constitution needing reform. Present your rationale, proposed changes, expected benefits, and strategies for support.
- **Task 4: Constitutional Debate (15 marks)**
  Analyze a recent constitutional controversy. Explore different viewpoints, their democratic implications, and provide your reasoned perspective.
- **Task 5: Reflection (10 marks)**
  Write a reflective essay on what you learned, challenges faced, and how theory connects with practice.

Submission:
Email your assignment (Word/PDF) with your name, class, and section.

Evaluation:
You'll be assessed on analysis, clarity, use of evidence, originality, and adherence to instructions.

HOLIDAY HOME WORK

CLASS XI

PSYCHOLOGY

TASK I: MOVIE ANALYSIS

Watch any film or read a book depicting a psychological disorder /learning disability and answer the following questions on A4 sized sheets.

Recommended movies-

"Shutter Island"

"Good Will Hunting"

"The Blind side"

"Taare Zameen Par"

"One who flew over the cuckoo's nest".

"Barfi"

"A Beautiful Mind"

"As Good as it Gets"

Books:

"The Invisible Plague" - The Rise and Fall of Mental Illness from 1750 to the Present"

by Torrey E.F .and Miller,

"The curious Incident of the Dog in the Night-Time" by Mark

Haddon "A Child called" "IT"-by Dave Pelzer)

Answer the following questions:

1) Briefly explain the disorder/disability depicted in the film/book.

2) What are the symptoms of the disorder? How effectively was the character able to emote these characteristics in the film/book?

3) If you get to change one thing about the character and their life's situations. What would that be ? and how would that change the ending/climax of the movie/novel?

Task II: PROJECT

Make a 40 page (minimum) project on any Psychology based Topic. (The topics have been approved in class).

Task III: WORKSHEET

Do the worksheet for Chapter 1 and 2 as given in class in Home work register.

Task IV: REVISION

Revise chapter 1: What is Psychology??

Revise chapter 2: Methods in Psychological enquiry

All the above tasks should be complete and to be submitted by July 1'2025.

Holiday Homework – Class XI

Subject: Informatics Practices

Session: 2024-25

1. Group Presentation

Theme: *"Introduction to Computers and Computing"*
Instructions:

- Form a group of **2 to 4 students**.
- Prepare a **PowerPoint presentation** (minimum **15 slides**, excluding welcome and thank-you slides).
- The presentation must include the following subtopics:
    1. Evolution of computing devices
    2. Components of a computer system and their interconnections
    3. Input/Output devices
    4. Units and types of memory (primary and secondary)
    5. Data deletion, recovery, and related security concerns
- You will present it in class after the holidays.
- **Marks will be awarded** for: content, clarity, teamwork, creativity, and presentation skills.

2. Research Report (Handwritten Only)

Instructions:

- Choose **any two topics** from the list below.
- Each report should be **800–1000 words**.
- Work must be **original and handwritten**. Content copied from the internet or generated by AI tools will not be accepted.

Topics (Choose any two):

a. **Recent Breakthrough in Computer Science**
(e.g., Generative AI, Quantum Computing, Blockchain Technology, 5G)

b. **History and Evolution of Computer Memory**
(cover units of memory, primary/secondary memory, RAM/ROM, SSDs, HDDs, etc.)

c. **Impact of Software on Modern Life**
(Compare system software and application software; role in education, healthcare, business, etc.)

d. **Big Data & Cloud Computing**
(Definition, characteristics of big data, types of cloud services: SaaS, IaaS, PaaS; advantages and risks)

e. **Smart Cities and Internet of Things (IoT)**
(Concepts of IoT, sensors, smart homes, smart traffic, data collection and its impact)

3. Practical Component

Basics of Python Programming Instructions: Perform the following tasks either using Python IDE (IDLE, Thonny, etc.) or Google Colab.

1. Write and execute Python programs to:
   o Display "Welcome to Class 11 Computer Science".
   o Take input from the user and display a greeting message using the entered name.
   o Add, subtract, multiply, and divide two numbers entered by the user.
   o Demonstrate difference between interactive mode and script mode.
2. Comment each line of code to explain what it does.

4. Tech Explorers – Mini Research (Optional but Rewarding)

Explore and write 1-page notes (in bullet points) on any three of the following emerging technologies:

- Artificial Intelligence (AI)
- Machine Learning (ML)
- Natural Language Processing (NLP)
- Augmented Reality (AR) and Virtual Reality (VR)
- Robotics
- Grid Computing
- Blockchain Technology

Use diagrams wherever possible. This task will be awarded extra credit.

General Instructions:

- All written work must be neat and **done in a single notebook** (labelled "Holiday Homework").
- Mention your **Name, Roll No., Class & Section** clearly.
- Ensure originality in all tasks.
- Be ready to **present or discuss** your work after the vacation.

Class XI Business Studies Project Work

CBSE Guidelines-Based Project

Objective:

To help students apply Business Studies concepts in real-life situations through research, observation, and analysis. The aim is to make learning more practical and enjoyable.

Project Options (Choose One):

1. Field Visit Report

   Visit any one of the following and prepare a report based on your observations:

   ○ A Handicraft Unit

   ○ An Industry

   ○ A Wholesale Market (e.g., vegetables, grains, garments)

   ○ A Departmental Store

   ○ A Shopping Mall

      You must include details like business activities, type of goods, stakeholders, working conditions, etc.

2. Case Study on a Product

   Choose a product (e.g., apples, oranges, tea, pottery) and study:

   ○ Price changes during seasons

   ○ Impact of transportation, storage, and marketing

   ○ Role of intermediaries like wholesalers, retailers, etc.

3. Aids to Trade

   Choose one aid to trade (e.g., Insurance) and study:

   ○ Types, principles, benefits

   ○ Terminology used

   ○ Careers in the sector

- ○ Real-life examples or case studies

4. Import/Export Procedure

   Identify a product that is imported/exported in India and explain the procedures and documentation involved. You may visit related places (e.g., warehouse, export house) if possible.

5. Visit to a State Emporium (other than your state)

   Observe the types of products sold, cultural significance, pricing, marketing methods, use of natural resources, etc.

Presentation Format:

Your project must be handwritten (25–30 pages), well-organized in a folder, and should include:

- Cover page with name, title, class, year, school name

- Table of contents

- Acknowledgement and preface

- Introduction of the topic

- Details of work done (planning, observations, findings)

- Photographs or newspaper clippings (if any)

- Conclusion and suggestions

- Bibliography and Appendix

- Teacher's remarks

Suggested projects

1. Preference of consumer in selected brand of chocolates in India.
2. Preference of consumer in selected brand of burgers in India.
3. Preference of consumer in selected brand of clothes in India.
4. Preference of consumer in selected brand of Mobile phones in India.
5. Preference of consumer in selected brand of deodorant in India.
6. Preference of consumer in selected brand of bikes in India.
7. Preference of consumer in selected brand of cars in India.
8. Preference of consumer in selected brand of shampoos in India.
9. Preference of consumer in selected brand of pizza in India.
10. Preference of consumer in selected brand of led TV in India.
11. Preference of consumer in selected brand of refrigerator in India.
12. Preference of consumer in selected brand of Air conditioner in India.
13. Preference of consumer in selected brand of shoes in India.
14. Preference of consumer in selected brand of foods in India.
15. Preference of consumer in selected brand of gold in India.

Instructions

1. Project should be based on a questionnaire containing at least 10 questions related to the topic
2. Length of the project should be upto 20 pages minimum.
3. Brief introduction of the topic chosen and its relevance to be given in the beginning of the project.
4. Data analysis to be done and presented in the form of Bar diagrams, pie charts etc.
5. Sequence

1. Title
2. Introduction
3. Executive Summary
4. Spread sheet
5. Questionnaire
6. Analysis
7. Conclusion

CLASS XI ACCOUNTANCY

Play the game related to "Accounting Terms" with your name.
https://commerceatease.com/basic-accounting-terminology/

Prepare any one project out of the given list below: -

1. Comparison of different accounting standards (e.g., GAAP, IFRS)
2. Impact of AI on business operations:-Explore how artificial intelligence is being used in commerce, such as in customer service chatbots, predictive analytics for sales forecasting, and personalized recommendations for e-commerce platforms.
3. Giving Subsidies and Reservation are a form of Bribery.
4. Consumer exploitation in India: -
   What are the different type of problems faced by consumers in India? Give at least 10 examples in detail.

5. Safety in Online Shopping: -
   Explain various precautions to be taken in online transactions, clearly mentioning the ways the online frauds are committed to cheat the customers.

6. Financial Literacy:-
   Visit RBI's official website and compile a collection of information like, different coins and currency notes in circulation, special edition coins and currency notes, identification of fake currency notes, banks accounts and banking transactions etc.

7. Business Ideas:-
   With a particular financial limit e.g. 10 lakh, 20 lakh etc. how would you start a small venture to earn money? Compile a list of at least 3 ideas with brief description of each such idea.

8. Cryptocurrency and Blockchain Technology: Analyze the emergence of cryptocurrencies like Bitcoin and the underlying blockchain technology, discussing their potential impacts on traditional finance and commerce.

Question 1. Cash, goods or assets invested by the proprietor in the business for earning profit is called-

(a) Profit

(b) Capital

(c) Fixed assets

(d) None of these

Question 2. Define Debtors and Creditors of the company

Question 3. Giving examples, explain each of the following accounting terms:

- Fixed assets
- Revenue
- Expenses
- Short-term liability
- Capital

Question 4. Define revenues and expenses..

Question 5. Differentiate between profit and gain.

Question 6. Fill in the blanks

- The document certifying the purchase or sale of goods or any monetary transaction is called…………….
- The things or properties which help in the smooth functioning of the business and which are owned by the business are called_____ of the business.
- The unsold goods left at the end of the year are called……………… represents the excess of assets over liabilities

SOCIOLOGY HOLIDAY HOMEWORK – 2025 - 26

Students to make a project on any social issue following the given guidelines

GUIDELINE FOR SOCIOLOGY PROJECT

PROJECT CARRIES A WEIGHTAGE OF 20 MARKS

IMPORTANT TIPS –

- Keep the class XI sociology book for reference in class XII. You will have to refer chapter 5 of Book 1 for research methods
- Ensure that your project has a the headings and content under all the headings which are mentioned above. You might get few marks more or few marks less depending on your content inside but you still would be assured of reasonably good marks as you would be fulfilling the criteria laid down by CBSE.

SEQUENCE OF PROJECT PRESENTATION/FILE BINDING –

- ❖ Cover page - with project name, year
- ❖ First page should be kept blank as the certificate of completion issued by the teacher would be pasted here.
- ❖ Acknowledgement
- ❖ Hypothesis
- ❖ Rationale
- ❖ Introduction
- ❖ Causes
- ❖ Consequences
- ❖ Case study
- ❖ Methodology
- ❖ Rationale for methodology
- ❖ Implementation
- ❖ Presentation of evidence
- ❖ Analysis and Interpretation
- ❖ Evaluation
- ❖ Conclusion
- ❖ Limitation of the study,
- ❖ Bibliography

HOW TO START A PROJECT –

STEP – 1
- ➢ You can choose your on topic or pick up a board topic to build your project
- ➢ You have to get the topic approved by the teacher concern
- ➢ Choose the topic once you find sufficient matter available on the that topic. Sometimes topic seems interesting but you end up not getting matter on that. So once the topic is decided then your work starts

STEP – 2
- ➢ Look out for surveys, research, essays written on your topic. You can look for all these in net
- ➢ Try to get thorough understanding of the topic by reading them. This would help you to formulate your hypothesis, technique of doing the project and in fact even conclusion to some extent
- ➢ The simplest technique would be to do survey method

STEP – 3 (HYPOTHESIS)
- ➢ Try to form Hypothesis in the form of a question
- ➢ Hypothesis is your assumption/reason for a certain problem
- ➢ For example – Is Nuclear family a reason for increase role of video games in child's life? OR Are video games the reason for decreased social networking amongst the children?

STEP – 4 (RATIONALE FOR METHODOLOGY)

- ➢ Write the Rationale – in this page you have to give brief reason for the Hypothesis framed by you.

STEP – 5 (INTRODUCTION)
- ➢ Next is writing introduction. This should contain all those matter which relates to your hypothesis.
- ➢ It can be of 2 to 3 pages
- ➢ This may also include causes and consequences of the project

STEP – 6 (METHODOLOGY)
- ➢ In methodology you will have to write the way you plan to do your project
- ➢ In can be a case study method, survey method, secondary data etc.
- ➢ Easiest method is to conduct a survey

STEP – 7 (RATIONALE & METHODOLOGY)
- ➢ In this you have to give reason for selecting/ choosing a particular method.
- ➢ Like in survey method you can write that it is easier to get the opinion of many people at a time, it is fastest method of collecting data.
- ➢ It is also most structured way of getting data.

STEPS – 8 (IMPLEMENTATION)
- ➢ Steps of Implementation – In this you have to write how you went about in the conduction of the project.
- ➢ It would start with collection of data related to the subject, reading of the data, analysing the problem, framing the hypothesis, framing the questionnaire, conduction of sample survey (at least of 50 people), restructuring of questionnaire after sample survey and making required correction, doing proper survey of your sample size – which can be approximately 50 people.
- ➢ This will be followed by analysis and interpretation.

STEP – 9 (PRESENTATION OF EVIDENCE)
- ➢ Here you need to attach your sample questionnaire
- ➢ Which will be followed by the filled 75 questionnaire which should be filled by the respondent in their own hand writing

STEP – 10 (ANALYSIS AND INTERPRETATION)
- ➢ Now you need to tabulate all the answers
- ➢ This may be accompanied by pie chart or bar graphs. Responses have to be written in words below the table.

STEP – 11 (EVALUATION)
- ➢ You need to analyse every question one by one. Explain each one of them

STEP – 12 (CONCLUSION)
- ➢ Here you would try to give what you think the respondents are trying to say and whether it agrees with the hypotheses which were framed by you or not. It would be your correlation of the responses with the impact of the problem.

STEP – 13 – (LIMITATION of the study)
- ➢ In this you will write the difficulties faced by you in conduction of the study.
- ➢ Eg – while doing survey many people misplaced or lost the survey forms, or didn't take it seriously etc.

STEP – 14 – (BIBLOGRAPHY)
- ➢ Here you would write the names of all the books, web sites referred by you in conduction of the project