

SUMMER

ASSIGNMENTS

ENTREPRENEURSHIP

ENTREPRENEUR UP LAUNCH DEVELOPMENT SUCCESS VENTURE REPRESENTATION DEVELOPMENT PLAN GROWTH MARKET IDEA COLLABORATION TECHNOLOGY INSPIRATION MARKETING STARTUP START LEADERSHIP MARKET OFFICE EMPLOYMENT LEADERSHIP STRATEGY MANAGEMENT ACCOUNTING FINANCE DIVERSITY ENTREPRENEURSHIP SUCCESSFUL DRAWING ADVANTAGE GOAL PLAN COMMUNICATION INNOVATION BUSINESS COMPANY RISK LIGHT MONEY BRIGHT SHINING PEOPLE STRATEGY GENERATING INSPIRATION CHART PROFIT ACHIEVEMENT PRESENTATION EMPLOYMENT ENTERPRISE DEFINITION ANALYSIS CORPORATE PROJECT MALE WEALTH SEMINAR DREAMS CHEERFUL COMMERCE BRAINSTORM PLANNING ROCKET GROUP

Creative Zone

1 Prepare a collage on the following topics:

- (i) Indian MNC"s and their CEO"s with their Brand name, Brand Mark and Taglines
- (ii) Non-Indian MNC"s and their CEO"s with their Brand name, Brand Mark and Taglines.

2. Collect articles about entrepreneurs from newspapers and magazines. Read the article and answer the following questions:

- (i) How did the person get the ideas for the venture?
- (ii) What is the unique selling point of the goods or services him/her dealing in?
- (iii) What risk did the person take to start the venture?

3. Project on any ONE Entrepreneur – life history, achievements and road blocks faced by him/ her.

General Instructions to prepare the project:

1. The project should be simple, brief and easy.
2. It must be handwritten, neat and clean.
3. The cover page should be creative resembles the project theme.
4. Use A4 size ruled pages for project.
5. Give the project in strip file properly .



**PHYSICAL
EDUCATION**

Dear Athletes/Players,

Summer is the best time to storm your brain as there is no pressure on you and this is the best leisure time for you.

Physical Education Class 11th & 12th

So keeping this in mind, I am sharing with you an assignment on SAI Khelo India Fitness Test.

Summer Assignment

Progression of SAI Khelo India Fitness Test

"SAI Khelo India Fitness Test Summer

Assignment" Aim:

To understand and promote a healthy and fit lifestyle through the practice of SAI Khelo India Fitness Tests during the summer break.

Objectives:

- 1. Build cardiovascular endurance**
- 2. Improve muscular endurance**
- 3. Develop strength**
- 4. Improve flexibility**
- 5. Increase neuromuscular coordination**
- 6. Maintain a healthy body weight**

Instructions:

- 1. Read the SAI Khelo India Fitness Test PDF carefully to understand the tests and procedures.**
- 2. Create a scorecard to track your performance.**
- 3. Perform all tests on Day 1 and record your scores.**
- 4. Practice the tests regularly and update your scorecard every week for 4 weeks.**
- 5. Compare your progress and write a short note on your assignment journey.**
- 6. Submit your final scorecard and reflection in June.**





Precautionary Measures:

- 1. Avoid running in danger areas (e.g., roofs, traffic roads).**
- 2. Avoid exercising if unwell or injured.**
- 3. Avoid exercising after meals; maintain a 2.5-3 hour gap after heavy meals.**
- 4. Practice with proper techniques as suggested in the PDF.**
- 5. Gradually progress your exercises.**
- 6. Avoid overexertion.**
- 7. Maintain a healthy diet.**


Benefits:







This assignment will help you develop a consistent fitness routine, track your progress, and understand the importance of physical fitness in maintaining a healthy lifestyle. It will also improve your sports performance.

$3 \times 7 = 21$
 $(1+2)^2$
 $\sqrt{x_1 + x_2}$
 $\cos(-x) = \cos(x)$
 $y^2 + x^3$
 $(a+b)^2$
 $f(x)$
 π

MATH

$a + b = c$
 $\frac{x}{y}$
 $\frac{1}{2} + \frac{3}{4}$
 3.14
 $\sqrt{25x + y}$
 $x_1 - x_2$
 $\left(\frac{x}{y}\right)^2$
 $1 + 2 = 3$
 designed by  freepik

SANMATI HIGHER SECONDARY SCHOOL, INDORE

Summer assignment: 2025 - 26

Class – XI: Applied Mathematics

Instructions:

- Each student has to choose one project for summer assignment.
 - Do the project individually
 - Collect data on your own and mention resource
 - Write results and a write up after completing project.
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List of projects

- i) Use of prime numbers in coding and decoding of messages
- ii) Use of Venn diagram in solving practical problems
- iii) Fibonacci sequence: Its' history and presence in nature
- iv) Visit the census site of India**
http://www.censusindia.gov.in/Census_Data_2001/Census_Data_Online/Language/State/State3.htm Depict the information given there in a pictorial form.
- v) Prepare a questionnaire to collect information about money spent by your friends in a month on activities like travelling, movies, recharging of the mobiles, etc. and draw interesting conclusions.
- vi) Check out the local newspaper and cut out examples of information depicted by graphs. Draw your own conclusions from the graph and compare it with the analysis given in the report.
- vii) Each day newspaper tells us about the maximum temperature, minimum temperature, and humidity. Collect the data for a period of 30 days and represent it graphically. Compare it with the data available for the same time period for the previous year.
- viii) Analysis of career graph of a cricketer (batting average for a batsman and bowling average for a bowler). Conclude the best year of his career. It may be extended for other players also – tennis, badminton, athlete.

BUSINESS STUDIES



BUSINESS STUDIES
CLASS XI
TRADE AND AUXILIARIES TO TRADE

Aids to trade, also known as auxiliaries to trade, are factors that support the efficient flow of goods and services in the trading process. These include transportation, communication, warehousing, banking, insurance, advertising, and salesmanship. These aids help overcome hindrances in the buying and selling process, ensuring a smoother exchange of goods and services.

Here's a more detailed look at each aid:

Transportation:

This aid helps overcome the barrier of place by facilitating the movement of goods from producers to consumers and to different locations.

Communication:

It enables effective exchange of information between buyers and sellers, including making orders, handling payments, and resolving complaints.

Warehousing:

This aid helps overcome the barrier of time by storing goods for later consumption, ensuring availability when needed.

Banking:

Banking provides essential financial services like credit, loans, and fund transfers, which are crucial for businesses.

Insurance:

Insurance protects businesses against various risks, such as fire, theft, or damage to goods, ensuring financial stability.

Advertising:

This aid promotes products and services, creating awareness among consumers and driving sales.

Project Ideas:

A project on "Aids to Trade" could explore any of these factors in more depth.

For example, you could: **Focus on one specific aid:**

Choose one aid like banking or insurance and research its role in facilitating trade, including its different types and functions.

Compare and contrast different aids:

Compare and contrast the roles of transportation, communication, and warehousing in facilitating trade, highlighting their similarities and differences.

Study the impact of aids on businesses:

Investigate how aids to trade impact the operations and profitability of businesses, particularly in a specific industry.

Analyze the role of aids in international trade:

Explore how aids to trade are essential for facilitating international trade, including the role of global organizations like the World Trade Organization (WTO).

Accountancy



SANMATI HIGHER SECONDARY SCHOOL

SUMMER ASSIGNMENT

ACCOUNTANCY

CLASS XI

CREATIVE CORNER:

1. Draw a flow chart shows the classification of different types of assets and liabilities.
(Paste the pictures wherever needed)

DESCRIPTIVE QUESTIONS:

2. What is the nature of accounting Principles?
3. Write the concept of Accounting and Book-keeping and also give the comparison between them.
4. Explain the following :a) Going Concern Concept
b) Dual Aspect Concept
c) Business Entity Concept
d) Accounting Period Concept
5. Explain and give example of each of the following accounting terms
1) Capital 2) Drawings 3) Revenue 4) Bad debts 5) Creditors 6) Capital Expenditure
6. Mr. Gopal started business for buying and selling of readymade garments with Rs. 8,000,000 as an initial investment Out of this he paid Rs. 4,00,000 for the purchase of garments and Rs. 50,000 for furniture and Rs. 50,000 for computers and the remaining amount was deposited into the bank. He sold some of the ladies and kids garments for Rs. 3,00,000 for cash and some garments for Rs. 1,50,000 on credit to Mr. Rajesh. Subsequently, he bought men's garments of Rs. 2,00,000 from Mr. Satish. In the first week of the next month, a fire broke out in his office and stock of garments worth Rs. 1,00,0000 was destroyed. Later on, some garments which cost Rs. 1,20,000 were sold for Rs. 1,30,000. Expenses paid during the same period were Rs. 15,000. Mr.Gopal withdrew Rs. 20,000 from business for his domestic use.

From the above, answer the following:

- i. What is the amount of capital with which Mr.Gopal started the business?
- ii. What fixed assets did he buy?
- iii. What is the value of goods purchased?
- iv. Who is the creditor and state the amount payable to him?
- v. Who is the debtor and What is the amount receivable from him?
- vi. What is the total amount of expenses?
- vii. What is the amount of drawings of Mr.Gopal?

Class XI Psychology – Creative Holiday Homework (Project File)

Title: "Understanding Human Behaviour: A Small Study in Psychology"

Instructions:

You are required to select any ONE topic from the list below and conduct a small study using one or more of the following methods of enquiry:

Observation, Survey, Interview, or Questionnaire

Choose One Topic:

Bullying / Cyberbullying

Mental Health and Wellbeing

Impact of Social Media on Youth

Altruism and its Impact on Wellbeing

Peer Pressure

Anger Management

Sleep Hygiene

Changing Gender Roles and Stereotypes

Cooperation and Competition

Compliance and Obedience

Project File Format (Minimum 20 Pages, Handwritten)

1. Title Page

Title of the Project

Student's Name, Class, Roll Number, School Name

2. Introduction to the Topic

Brief explanation of the topic

Why did you choose this topic?

Relevance of the topic in today's world

3. Historical Background and Theoretical Perspectives

Key theories or psychologists associated with this topic

Explanation of major concepts using bullet points or diagrams

4. Method of Enquiry Used

Method(s) applied: survey, interview, observation, questionnaire

Detailed description of the procedure:

Number of participants

Age group and background

Sample questions or checklist used

Duration, setting, and how the data was collected

5. Creative Element (Choose One to Include in the File)

Case Study of a fictional or real person/situation related to your topic

Dialogue Writing between two characters discussing the issue

Mini Survey Report with graphs or tables summarizing responses
(Hand-drawn visuals, comic strips, or storyboards can be added for creativity)

6. Real-Life Applications

How does this issue or topic affect daily life?

At least 3 real-life situations or examples (can include headlines, family/school/community examples)

7. Interesting Findings and Reflection

Share 5 interesting facts or insights discovered during your study

Reflect on your personal experience conducting the project

8. Conclusion

What did you learn from this project?

How has it impacted your understanding of psychology and human behaviour?

9. Bibliography

Mention all sources of information (books, websites, interviews, etc.)

General Instructions:

Project must be handwritten in A4-size ruled/plain sheets

Use neat headings, subheadings, bullet points, and diagrams wherever appropriate

Minimum 20 pages, Maximum 25 pages

Submission: On the first day after summer vacation



Subject: Artificial Intelligence

Class: 11

Topic: Traffic Jam Due to Roadside Parking

Based on: AI Project Cycle

1. Problem Scoping – Understanding the Issue

What is the main problem you're trying to solve?

How does roadside parking contribute to traffic jams in your area or city?

Who are the people affected by this problem?

What is your goal in solving this issue?

What would a successful solution look like?

2. Data Acquisition – Collecting the Right Information

What kind of data would help you understand the problem better?

Where can you find data related to traffic flow and parking patterns?

What tools or methods will you use to collect or simulate this data?

Are there any existing public datasets or APIs you can explore?

3. Data Exploration – Analyzing the Data

What patterns do you notice in the data collected?

Which areas seem to have the most traffic due to roadside parking?

Are there specific times of the day/week when traffic is worse?

Can you visualize this data using graphs or charts?

4. Modelling – Building a Solution

What kind of AI model can you create or simulate to solve this problem?

Will your model predict traffic, suggest alternative parking, or notify authorities?

Which AI concepts (e.g., classification, prediction) can be applied here?

How can you demonstrate your solution in a simple way (flowchart, scratch, Teachable Machine)?

5. Evaluation – Judging the Effectiveness

How will you know if your solution is successful?

What improvements do you expect if your model is applied?

How will it benefit commuters, traffic authorities, and the environment?

What challenges might you face while implementing your idea?

Submission Guidelines

Prepare a neat handwritten or digital report with your answers.

Add graphs, visuals, or mock screenshots wherever possible.

Submit in a file or presentation format.



ECONOMICS

Class XI Economics
Summer Assignment

Short Answer Questions

1. Define demand and explain the law of demand.
2. What are the factors that affect demand for a commodity?
3. Explain the concept of individual demand and market demand.
4. How does a change in income affect demand for a normal good?
5. What is the difference between a change in demand and a change in quantity demanded?

Long Answer Questions

1. Explain the law of demand with the help of a demand schedule and demand curve.
2. Discuss the factors that lead to a shift in the demand curve.
3. Analyze the effect of a change in price of a substitute good on the demand for a commodity.
4. Explain the concept of elasticity of demand and its types.

Numerical Questions

1. Calculate the price elasticity of demand using the percentage method.
2. Given a demand schedule, calculate the elasticity of demand at different price points.

3. If the price of a good increases by 10% and the quantity demanded decreases by 20%, calculate the price elasticity of demand.

Case Study-Based Questions

1. Suppose you are the marketing manager of a company that sells smartphones. Analyze the factors that would affect the demand for your product.
2. A new coffee shop opens in your neighborhood, and the owner wants to increase sales. What strategies would you suggest to increase demand for their coffee?

Project-Based Questions

1. Collect data on the demand for a particular product (e.g., smartphones, laptops) over the past few years. Analyze the trends and factors that have affected demand.
2. Conduct a survey to understand the factors that affect demand for a particular product among different age groups or income levels.

Holiday Homework

Class XI

English

1. Personal Reading Journal

Read any one novel/storybook of your choice (outside your syllabus) and maintain a reading journal. Include:

- Title and author
- Main plot in 100 words
- Your favourite character and why
- A lesson learned

2. Literature Project

Choose one of the prescribed books (or a story/chapter from your syllabus) and:

- Write a brief summary
- Identify the theme(s)
- Mention the central characters
- Reflect on what you learned from the story

कक्षा 11वीं

ववषय-हहिंदीकोड ३०२

सन्मति उच्चिर माध्यममक ववद्यालय इिंदौर

ग्रीष्मकालीन अवकाश गृहकाय

1. हहिंदीसमाचार पत्र के इतिहास पर प्रकाश डालि हुरुए ले कक्न्ही दो समाचार पत्रों की समीक्षा मलखें।

1. अमर उजाला

2. पिंजाब के सरी

3. देशबिंधु

4. उदिंि मािंड

2. "नमक का दरोगा" कहानी के आधार पर "एक न्याय वप्रय अधीक्षक" की भूममकाको अपने शब्दोमें मलखे।

3. "ममस कागद छू यो नहह, कलम गही नहह हाथ" कबीरदास जी के ववषय में क्यों कहा गया है?

कबीर के जीवन पर शोध कर वर्णयि करे।

4. "पोस्टकार्ड" का उपयोग कर अपने मम्न को परीक्षा में प्रथम श्रेणीमें आने पर उसकी उज्ज्वल भववष्य की कामना करि हुएएक अनौपचारिक पत्र मलखे।

5. कोई एक व्यक्ति विशेष का साक्षात्कार लेकर अपनी पुस्तिका में चक्र के साथ वर्णयि करे।

1. वप्रय मशक्षक
2. मेरे आदर्श भाई
3. मेरे बचपन का मम्न
4. मेरे वपि की सफलि की यात्रा।