

# INDORAMA PUBLIC SCHOOL, JAGDISHPUR UP

XII COMMERCE  
**SUMMER**  
**ACTIVITIES**

## SUMMER HOLIDAY

activities / Assignments

Year  
2026-27

Class – XII B – 2026 - 2027

“ These activities / assignments, covering all subjects, aim to keep your child engaged in **learning** and **prepare** them for the upcoming academic year. They offer **opportunities** for exploration, **skill development**, and maintaining a **learning** routine during the break. ”

NAME OF CLASS TEACHER – UZMA SUHAIL



# INDORAMA PUBLIC SCHOOL

, E-Mail: [irps-jag.principal@in.indorama.com](mailto:irps-jag.principal@in.indorama.com), Website : [www.indoramaschool.org](http://www.indoramaschool.org)

Industrial Area Indorama Township , Kamrouli, Jagdishpur UP-227817

Dear Parents,

Warm greetings from IRPS Family!

We trust this letter finds you and your family in good health. As the summer break nears, we're delighted to share that our dedicated team, under the guidance of the Principal, has curated summer activities for your child.

These activities /assignments, covering all subjects, aim to keep your child engaged in learning and prepare them for the upcoming academic year. They offer opportunities for exploration, skill development, and maintaining a learning routine during the break.

Your support in ensuring your child completes and submits **these activities to be done by your child with your support to the respective class teacher on the first week of July of school reopening after the break** is i.e. **1<sup>st</sup> July to 6<sup>th</sup> July 2026** will be greatly appreciated. It will contribute to a positive start to the academic year and reinforce the knowledge acquired during the break.

For any queries or concerns, please reach out to the class teachers.

Thank you for your ongoing support and involvement in your child's education. We eagerly anticipate a productive and successful academic year ahead.

Educationally

yours,

Dr R K Dwivedi

Principal &

Team IRPS

Team



# ENGLISH

1

## PROJECT WORK



Prepare a group project as discussed in class according to the prescribed **CBSE Board Project Work** pattern.



Word Limit:  
800–1000 words.



2

## COMPREHENSION



Solve and write five unseen passages (comprehension passages) in your **English register**.



Read, Reflect and  
Express your best!



# ACCOUNTANCY

## Project Work



Complete the **ACCOUNTANCY PROJECT WORK** for the Board Examination according to the guidelines discussed in class.

### Guidelines to Follow



Follow the **CBSE** prescribed format.



Use **authentic** and relevant content.



Present **creative ideas** and proper analysis.



Use **tables, charts** and **graphs** wherever required.



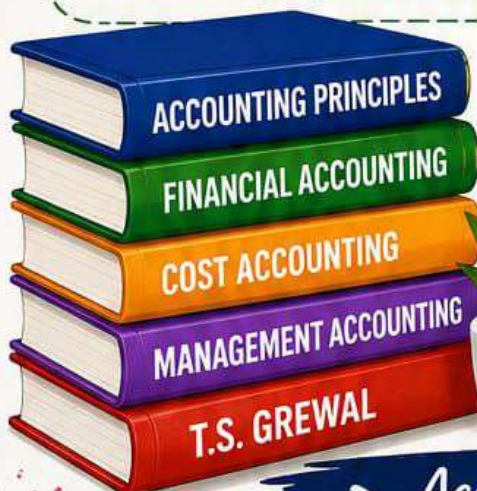
Ensure **neatness, accuracy** and **originality**.



Maintain proper organization and **timely submission**.

### PROJECT FILE SHOULD INCLUDE:

- ▶ Cover Page
- ▶ Certificate
- ▶ Acknowledgement
- ▶ Index
- ▶ Introduction
- ▶ Objectives of the Study
- ▶ Company Profile
- ▶ Financial Statements
- ▶ Analysis & Interpretation
- ▶ Findings
- ▶ Conclusion
- ▶ Bibliography



Well prepared today,  
successful tomorrow!



Accuracy in Accountancy is the Key to **Successful Business!**

# BUSINESS STUDIES



Prepare the **BUSINESS STUDIES PROJECT FILE** for the Board Examination as instructed in the classroom.

## IMPORTANT INSTRUCTIONS



Students must follow the **CBSE-prescribed format**.



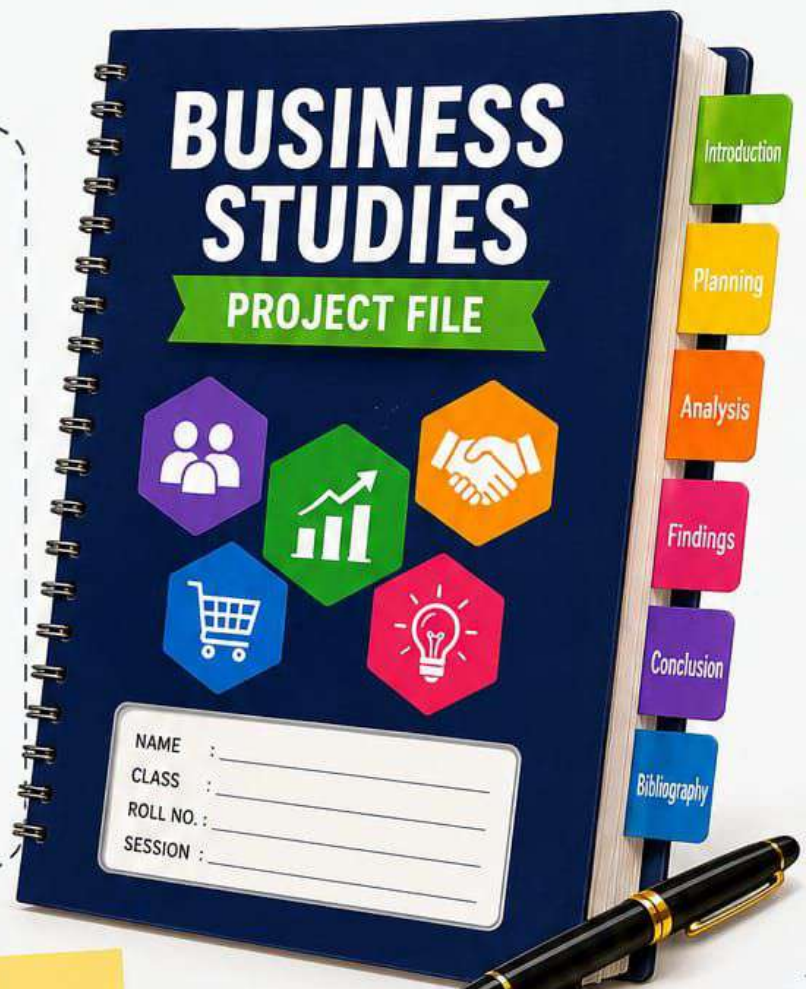
Complete the work with **proper research**.



Use **creativity and original ideas**.



Ensure **neat presentation** and timely submission.



A good project reflects **smart work and learning!**



# ECONOMICS

## HOLIDAY HOMEWORK



Prepare the **Economics Project File** for Board Examination as allotted and discussed in the classroom.



Students are instructed to follow the **CBSE-prescribed project format** and complete the work neatly and systematically.



### THE PROJECT FILE SHOULD INCLUDE:



Cover Page



Content/Analysis



Certificate



Conclusion



Acknowledgement



Bibliography



Index



Introduction

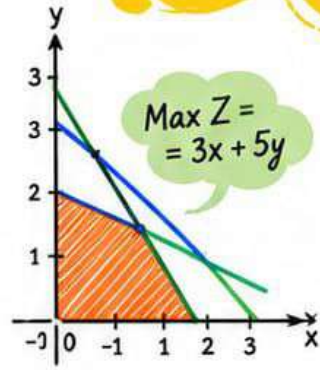


Maintain proper **presentation**, **handwritten work**, and relevant **data/charts** wherever required.



# APPLIED MATHEMATICS

$$ax + by = c$$



1

Practice one question of **LPP** daily on graph from **M. L. Agarwal**.



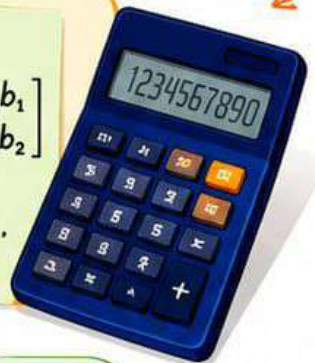
2

Practice questions on solving linear equations using **Matrix Method** and **Cramer's Rule**.

$$AX = B$$

$$\begin{bmatrix} a_{11} & a_{12} \\ a_{21} & a_{22} \end{bmatrix} \begin{bmatrix} x \\ y \end{bmatrix} = \begin{bmatrix} b_1 \\ b_2 \end{bmatrix}$$

$$x = \frac{D_x}{D}, y = \frac{D_y}{D}$$



$$2x + 3y = 12$$

3

Practice **Determinants** from **M. L. Agarwal**.

$$|A| = \begin{vmatrix} a & b \\ c & d \end{vmatrix}$$

$$|A| = ad - bc$$



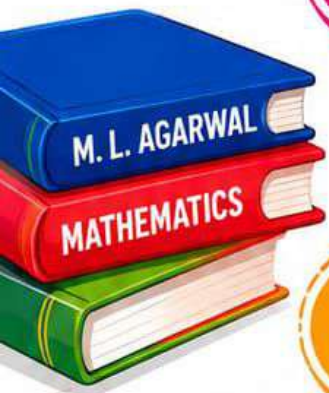
4

Practice questions of **Numerical Quantification** from **M. L. Agarwal**.



$$\text{Mean} = \frac{\sum x}{n}$$

$$\sigma = \sqrt{\frac{\sum (x_i - \bar{x})^2}{n}}$$



$$A = \begin{bmatrix} a & b \\ c & d \end{bmatrix}$$

$$|A| = ad - bc$$

# PHYSICAL EDUCATION



1

**COMPLETE**  
the notes of  
**UNIT-3.**



2

**LEARN** and  
**REVISE**  
**UNITS 1, 2, and 3**  
thoroughly for the  
upcoming examination.



**STAY ACTIVE,**  
**STAY HEALTHY!**





# PAINTING



Students are instructed to practice the following regularly during the **SUMMER VACATION:**



• STILL LIFE



• OBJECT STUDY



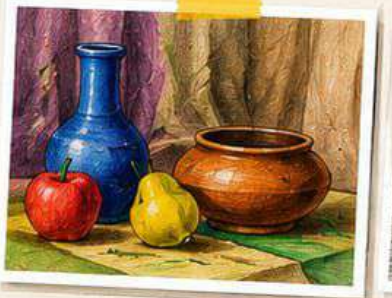
• SIMPLE SKETCHING



• NATURE DRAWING



• POSTER MAKING



• STILL LIFE IN COLOURS

OR



Students may also prepare **shading drawings/paintings** of their own choice.



Maintain **neatness** and regular practice to improve **drawing and colouring skills.**





# हिंदी (Core)



## परियोजना कार्य एवं अध्ययन

1.

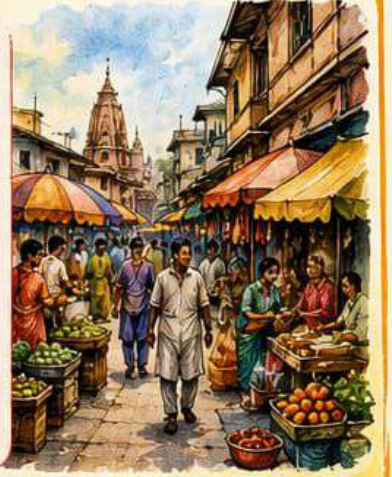
जैनेंद्र कुमार लिखित

### ‘बाज़ार दर्शन’ निबंध

पर आधारित सचित्र  
परियोजना कार्य करें।

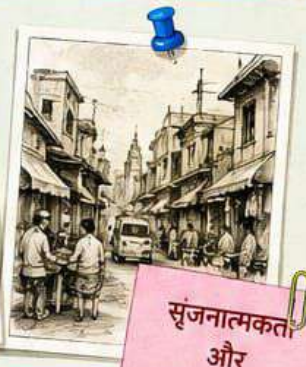
#### ✿ बाज़ार दर्शन – संक्षेप परिचय ✿

इस निबंध में लेखक जैनेंद्र कुमार ने बाज़ार के दृश्य, ध्वनियों, रंगों, गतिविधियों और मानव जीवन पर उसके प्रभाव का सजीव चित्रण किया है। बाज़ार केवल वस्तुओं के खरीद-फरोख्त का स्थान नहीं, बल्कि यह सामाजिक, आर्थिक और सांस्कृतिक जीवन का प्रतिबिंब है।



#### परियोजना में शामिल करें –

- आकर्षक कवर पेज
- लेखक परिचय – जैनेंद्र कुमार
- निबंध का सार
- मुख्य विषय-वस्तु
- बाज़ार का महत्व
- सचित्र प्रस्तुति (चित्र/कॉलैज/रेखाचित्र)
- आपकी प्रतिक्रिया / निष्कर्ष



सृजनात्मकता  
और  
स्वच्छता का  
विशेष ध्यान रखें।

2.

लेखक मनोहर श्याम जोशी  
की कोई एक कहानी पढ़ें।

#### कहानी पढ़ने के बाद –

- कहानी का नाम
- कथासार
- मुख्य पात्र
- मुख्य घटनाएँ
- आपकी पसंद का कारण
- सीख / संदेश

#### मनोहर श्याम जोशी – परिचय

- जन्म: 9 अगस्त, 1933
- प्रसिद्ध विधाएँ: कहानी, उपन्यास, नाटक, यात्रा-वृत्तांत
- प्रमुख रचनाएँ: टा टा प्रोफेसर, हमजाद, कुसुम अंसले आदि
- विशेषता: व्यंग्यात्मक शैली, मानवीय संवेदनाओं का चित्रण



3.

पठित संपूर्ण पाठ्यक्रम  
का अभ्यास करें।

#### नियमित अभ्यास के लाभ

- ✓ लेखन कौशल में सुधार
- ✓ समझ और विश्लेषण क्षमता में वृद्धि
- ✓ परीक्षा में बेहतर प्रदर्शन
- ✓ आत्मविश्वास में वृद्धि



- गद्य खंड
- पद्य खंड
- व्याकरण
- लेखन कौशल

नियमित अध्ययन  
ही सफलता  
की कुंजी है।

मेहनत आज – सफलता कल












# TABLE OF CONTENTS

## PROGRAMS USING PANDAS

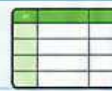
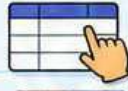








S.No	Name of the Exercises	Page.No
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### SERIES

1.	Creating a Python program to create a series using a dictionary.		.....
2.	Creating a Python program to create a series using scalar value.		.....
3.	Creating a Python program to create a series using NumPy array.		.....
4.	Creating a python program for modifying or updating existing values of series object.		.....
5.	Creating a Python program for performing mathematical operations on two Series objects.		.....
6.	Creating a Python program for calculating per capita income of four zones using Series.		.....
7.	Creating a Python program to display attributes of a Series.		.....
8.	Creating a Python program using head() and tail() in Series.		.....
9.	Create a series of these numbers: 33,55,65,29,19,23. Find the sum of those values which are ending with 3 or 5.		.....

### DATAFRAME

10.	Creating a Python program for creating a DataFrame using a nested list.		.....
11.	Creating a python program for accessing values of rows and columns of a dataframe.		.....
12.	Creating a Python program for accessing values of rows and columns of a DataFrame.		.....
13.	Creating a python program to perform operations on a DataFrame (rename, count, update, replace)		.....
14.	Creating a Python program to filter the data of a DataFrame.		.....
15.	Creating a Python program to display the attributes of the DataFrame.		.....
16.	Creating a Python program to display the data of a DataFrame row-wise and column-wise using iterrows() and iteritems()		.....
17.	Creating a Python program to perform writing and reading operations in a CSV file.		.....





# GENERAL INSTRUCTIONS



Complete all the **holiday homework** neatly and sincerely.



Maintain proper **presentation** and submit the work **on time**.



Revise the syllabus **thoroughly** for Periodic Test-I.

# Happy Holidays!

STAY SAFE

and

MAKE PRODUCTIVE USE

of your vacation.

