

# ST. MICHAEL'S SR. SEC. SCHOOL

3 Pusa Road, New Delhi

## CLASS XI HOLIDAY HOMEWORK

(2026-27)

### ENGLISH

1. To prepare a Project on **any one** topic:

- a) **We're Not Afraid to Die...** - *Survival Stories: Ordinary People, Extraordinary Courage*
- b) **Discovering Tut** - *Mysteries of Mummies: Science Meets History*
- c) **Mother's Day** - *Breaking Stereotypes: Women, Work, and Family Roles*
- d) **Birth** - *Miracle of Life: Doctors, Ethics, and Responsibility*
- e) **The Adventure** - *What If History Changed? Exploring Alternate Realities*

Structured framework for preparing a **project file (consisting of 10-15 pages)** on any of the topics listed.

1. **Index**
2. **Certificate of completion**
3. **Content** (Title of the project, Brief introduction to the chosen chapter/topic, Key themes and relevance)
4. **Aims and Objectives** (To understand the literary text in depth)
5. **Research** (Background of the author and text, Historical or social context of the theme, Related case studies, articles, or examples from real life, Supporting visuals -charts, timelines, images)
6. **Methodology** (Reading and textual analysis, Comparative study with other works or real-life events, Use of secondary sources: books, journals, online archives, Interviews/surveys)
7. **Report** (Detailed explanation of findings/Analysis of characters, themes, and literary devices, Connection of the text to broader issues e.g., survival psychology, gender roles, ethics, environment, Critical insights and personal reflections)
8. **Topic Presentation in Class (Speech-** presentation of the project highlights, Use of visual aids: charts, PPT slides, posters, Engaging the audience with questions or short activities, Summarizing key takeaways)
9. **Conclusion** (Restating the importance of the chosen theme, Reflection on what was learned through the project, Suggestions for further exploration or relevance in today's world)
10. **Bibliography**

**Mosaic Exhibition: Topics for Poster Making**

**(Only for those students selected by the teacher)**

**Students will complete this work in an A3 Size sheet.**

1. World Book Day
2. Education for All
3. Mental Health Awareness
4. Digital Safety Matters
5. Save Wildlife Save Ourselves
6. Say No to Bullying
7. Healthy Mind, Healthy Body
8. Library: A Treasure of Knowledge
9. School: A Place to Learn and Grow
10. Empower the Differently Abled

## **MATHEMATICS**

- Complete all assignments from the chapters completed in class.
- Revise all completed chapters thoroughly.
- Solve all textbook:
  - ❖ Examples
  - ❖ Exercises
- Complete Maths Lab Activities from the Maths Lab Manual.
- Find and write 1 real-life applications of each chapters covered on ruled sheets.
- Prepare a separate formula notebook including:
  - ❖ Important formulas
  - ❖ Theorems
  - ❖ Properties and identities
- Solve 2 Case Study questions from each chapter on ruled sheets.
- Practice previous years' CBSE board questions from the completed chapters.
- Solve one worksheet every week to improve speed and accuracy.
- Read about the contribution of any one famous mathematician.
- Keep all classwork, homework, assignments, and practical records neatly completed and updated.

**Kindly Note: Students allotted Maths Models for Mosaic should submit after holidays.**

**Submit formula notebook separately and ruled sheets in a file after holidays.**

## **ACCOUNTS**

**Q1.** Do the following questions given on these page nos. (pg 5.6, 5.7, 5.9, 5.12, 5.13, 5.15) in notebook.

**Q2.** Do these unsolved practical questions of:

- **CHAPTER-05 ACCOUNTING EQUATION** (in notebook)  
Q 7, Q 10, Q 11, Q 13, Q 14, Q 23, Q 24

**Q3.** Do back exercises of these chapters in book:

CHAPTER 1: INTRODUCTION OF ACCOUNTING

CHAPTER 2: BASIC ACCCOUNTING TERMS

CHAPTER 5: ACCOUNTING EQUATION

**Q4.** Revise CH-01, 02 & 05 for PT-1 Exam.

**Q5. Mosaic Exhibition Model-**

Class 11 Emerald and Diamond students have been assigned different Accountancy model topics. Submit your creative and original models by **2nd July, 2026**.

## **BUSINESS STUDIES**

1. Do the following questions(Case studies, A-R questions and application based questions) given on these page no's from the text book.

### **Chapter -1**

#### **Nature and purpose of Business -**

Pg no-34 Q.no 1

Pg no- 36 Q.no 13

Pg no- 37Q.no 14

Pg no-42 Q.no 4, 5

Pg no-43 Q.no 1 to 5

### **2.Chapter -2**

#### **Forms of Business Organisation -**

Pg no-53 Q.no 1

Pg no- 100 Q.no 3

Pg no- 103 Q.no 16, 17

Pg no- 104Q.no 19

Pg no-105 Q.no 23

Pg no- 108 Q.no 1 to 3

Pg no- 117 Q.no 1 to 5, 9

3. Revise Chapters-01 and 02 for PT 1 Exam.

4. Keep all classwork, homework, assignments, and practical records neatly completed and updated.

5. Read about the contribution of any one Industrialist in Indian Economy.

6. Find and write 1 real-life applications of each chapter covered on ruled sheets.

7. "**Mosaic Exhibition model** – Students of classes 11 Emerald and Diamond assigned Business studies model with different topics will submit their work by 2<sup>nd</sup> July,2026. Make sure that the model is creative and original.

## I.P

TOPICS: Pandas and Project Planning

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### PART A – PANDAS PRACTICE

Write programs using Python and Pandas:

1. Create a Series from a list
  2. Create a Series from a dictionary
  3. Apply head() and tail() functions
  4. Sort a Series using sort\_values()
  5. Create a DataFrame for student records
  6. Add a new column in DataFrame
  7. Delete a column from DataFrame
  8. Filter records based on condition
  9. Find maximum and average values from DataFrame
  10. Create a CSV file
  11. Read a CSV file using pandas
  12. Display selected rows and columns from DataFrame
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### PART B – CBSE PROJECT PLANNING (THEORY WORK ONLY)

Students are not required to complete coding during holidays.

They must prepare a project planning file including the following sections:

1. Project Title
  2. Objective of the Project
  3. Features of the Project
  4. Hardware and Software Requirements
  5. System Analysis (Existing System and Proposed System)
  6. System Design (Flowchart, basic DFD, ER diagram)
  7. Database Design (tables, fields, primary key)
  8. Module Description
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### SUBMISSION INSTRUCTIONS:

- Pandas programs must be written in practical notebook
- Project planning must be done in a separate file
- No coding implementation or screenshots are required during holidays

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GENERAL INSTRUCTIONS:

- Work should be neat and properly structured
- Focus on understanding concepts and planning
- This will support final CBSE project work
- Will be considered for internal assessment and viva

## **ECONOMICS (MICRO ECONOMICS)**

Chapters Covered:

1. Introduction to Economics
2. Demand
3. Elasticity of Demand

Section A – Short Answer Questions

Answer in 60–80 words.

1. Explain the problem of “What to Produce”.
2. Why is Economics called a social science?
3. Distinguish between change in demand and change in quantity demanded.
4. Explain any three factors affecting demand.
5. What are substitute goods and complementary goods? Give examples.
6. Why does demand for necessities tend to be less elastic?

Section B – Long Answer Questions

Answer in 120–150 words.

1. Explain the law of demand and its assumptions
2. Differentiate between extension and increase in demand, contraction and decrease in demand using diagrams.
3. Explain the different degrees of price elasticity of demand with diagrams.

Section C – HOTS (Higher Order Thinking Skills)

1. During festive sales, prices of electronic gadgets fall sharply, yet some luxury brands do not reduce prices. Why? Explain with reference to the elasticity of demand.

2. A shopkeeper increases the price of salt but notices very little change in its demand. What does this indicate about the elasticity of demand for salt?
3. Online food delivery apps often give discounts and coupons. How do these affect consumer demand?

#### MOSAIC Exhibition Model-

Students of 11 Emerald and Diamond who have been allotted different topics for the Economics Mosaic Exhibition model will submit their work by 2 nd July 2026. Ensure that the model is innovative, well-presented and creative.

#### Teacher's Note-

“Economics is not only about money; it is about making choices wisely.” Complete your work sincerely and creatively.

## **PHYSICAL EDUCATION**

Students need to do the following work in their practical manual

1. Labeled diagram of 400 m. Track and field with computation.
2. Describe changing trends in sports & games in terms of changes in playing surface  
Wearable gears, equipment, technological advancement.
3. Labeled diagram of any one ioa recognised team sport/ game of choice and  
Mention rules. Terminologies and skills.
4. Sai khelo india test.
5. Brockport physical fitness tests.

## **VALUE EDUCATION**

During the summer vacation, students are required to prepare a creative project on an A3 size sheet on the topics “Quitting Smoking” and “Combating Drug Abuse” from the Term–1 syllabus of Value Education.

The project should reflect awareness, creativity, and positive values through:

Drawings

Slogans

Posters

Facts

Quotations

Real-life messages promoting a healthy and addiction-free lifestyle

Students are encouraged to use original ideas, attractive presentation, and meaningful content instead of lengthy written work.

The objective of this activity is to help students understand the importance of making responsible choices and developing a healthy personality.

Instructions:

The work must be done neatly on an A3 size sheet.

Mention the student's name, class, and section clearly on the project.

The completed project must be submitted after the summer break.