

**APEX PUBLIC SCHOOL
HOLIDAY HOMEWORK (SUMMER)
2026-2027
COMMERCE (CLASS XI)**

ACCOUNTANCY

Part A – Practical Activity

“Identify the Transactions”

Write any 20 daily life/business transactions and identify:

Whether the account involved is Personal Account, Real Account or Nominal Account Also mention which account will be Debited OR Credited

Example Format:

Transaction: Furniture purchased for cash

A/c Involved	Nature	Debit/Credit
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Furniture A/c.	Asset	Debit
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Cash A/c.	Asset	Credit
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Part B – Concept Builder

Prepare a chart/poster on Rules of Debit and Credit including:

- Types of accounts
- Rules of each account
- Short examples
- Flowcharts/creative presentation

(Use chart paper/A4 sheet/digital format.)

BUSINESS STUDIES

Part A – Business Awareness Task

Talk to any shopkeeper/business owner/family member involved in business and write answers to the following questions:

Why did they start the business?

What challenges do they face?

What qualities are important for a successful businessperson?

How do they attract customers?

(Write the interaction in 1–2 pages in your own words.)

Part B – Case Study Practice

Students are required to understand and solve at least 10 case studies from Chapter 1 – Fundamentals of Business in their Business Studies notebook.

Instructions:

Read each case carefully.

Identify business concepts correctly.

Write answers in proper points and format.

Maintain neat work and proper presentation.

ECONOMICS

1. Prepare questioner on given topic (Set of 20 questions)- Favourite Career Choices
2. Prepare flow chart on Methods of Collection of Data.
3. Read chapter Organization of Data and prepare 20 SMQ with answer.

ENGLISH

1. Idiom Display Activity

Students will creatively present one idiom along with its meaning on an A3 size sheet using suitable illustrations and decorative elements. The sheet must be pasted on a cardboard for display purposes.

2. Reading Activity

Students are required to select one book from the prescribed list and prepare:

- A Book Review
- Character Sketch of any one character
- 10 New Vocabulary Words with sentences

The books have been selected from various literary genres.

3. Poetic Device Creative Display

Students will prepare an A3 display on the poetic device allotted according to their roll number, including:

- Name of the device
- Definition
- Example(s)

Students are encouraged to maintain neatness, creativity, and presentation quality in all tasks.

Note: Complete details and allotments will be shared in the official file.

PSYCHOLOGY

1. Kindly read the first chapter – “What is psychology” again and make a chart representing all the psychological approaches.

2. Also read the second chapter – “Methods of Enquiry in Psychology” and write a short passage on any one of the methods.

3. Complete NCERT based question answers in your fair notebook.

4. Make a daily diary in which you note down your thoughts, emotions & behaviors. Reflect on why you might be feeling or behaving in certain ways.

5. Observe five people and write your observations about their behavior (don't mention his/ her name and identity) about them in 200 words each. You can include his/ her mental process, behavior and experience.

6. Please complete the Case profile (Project file) on the topic given to you in class.

INFORMATICS PRACTICES

Part A : Assignment Questions (To be attempted in the IP register)

Q1 What is Utility Software? Write its significance in computer performance.

Q2 How will you troubleshoot your computer if it fails to show up the interface?

Q3 Why Python is called a cross-platform language and an interpreted language?

Q4 Identify valid or invalid identifiers: True, Student-Name, IF, PRINT, 1stAge, Number1

Q5 Identify each of the following whether mutable and immutable :

i. X= "Great India"

ii. Y= { 1: "Monday", 3: "Wednesday", 5: "Friday", 7: "Sunday" }

iii. Z= ["a","e", "i", "o", "u"]

iv. W= ("Rakesh", "Rajesh", "Ravindra", "Pawan", "Santosh")

Q6 Distinguish between (write 2 points of difference in tabular format):

(i) Interactive mode and Script mode in Python

(ii) Keyword and Identifier in Python

(iii) Local variables and Global variables

(iv) Statement and Expression

Q7 Find the errors in the following codes.

(a) temp=90 print temp

(b) a=12 b = a + b print(a and b)

(c) a, b = 0

Part B : List of Practicals (To be attempted in Python Idle on your laptop/PC)

Instructions:

i. Take print-outs of all the programs as well as screenshots of the program outputs).

ii. Make a practical file according to the format discussed in the class.

LIST OF PRACTICALS

1. Write a Python program to accept two numbers and swap their values.

2. Write a Python program to compute and print the simple interest.

3. Write a Python program that uses arithmetic operators (+,-,*, /, %) on two numbers input from the user, and displays the respective results.

4. Write a Python program to obtain temperatures of 7 days of a week and then display the average temperature of the week.

5. Write a Python program that calculates and displays the area and perimeter of a circle, square, rectangle and triangle.

6. Write a Python program to check if a number input from the user is even or odd.

7. Write a Python program to find if a given year is leap year or not.

8. Write a Python program that inputs a student's marks in five subjects and calculates grades.

9. Write a Python program to find the greater of 2 numbers input from the user.

10. Write a Python program to find the smallest of 3 numbers input from the user.

MATHEMATICS

Maths Lab Manual Activity

Activity 1. Subsets of a Given Set

To find the number of subsets of a given set and verify that if a set has n number of elements, then the total number of subsets is 2^n .

Activity 2. Cartesian Product and Number of Relations

To verify that for two sets A and B , $n(A \times B) = pq$ and the total number of relations from A to B is 2^{pq} , where $n(A) = p$ and $n(B) = q$.

Activity 3. Set Theoretic Operations using Venn Diagrams

To represent set theoretic operations using Venn diagrams.

Activity 4. Distributive Law Verification

To verify distributive law for three given non-empty sets A , B and C , that is, $A \cup (B \cap C) = (A \cup B) \cap (A \cup C)$.

Activity 5. Identifying a Relation and a Function

To identify a relation and a function.

6. Worksheet Exercises

Solve the worksheet of SETS that already shared your in class group.

☆ Enjoy your holidays, learn with joy, and return with brighter knowledge and beautiful memories.

