



# **Commerce Project**

**Topic:** Select a daily use consumer product. Trace its origin right from the primary industry through the secondary and tertiary industries. Draw a flow chart to include all the business activities in its path from the producer to the consumer.

**Page limit:** 10 to 15 pages

The project should have spiral binding.

The project has to be submitted on  
**7<sup>th</sup> August, 2023.**



## CLASS XI

### HOLIDAY HOMEWORK (2023-24)

#### ENGLISH PROJECT

All work should be done in proper project file.

File should be properly covered, neatly decorated and covered with cellophane transparent sheet.

The work should be done in proper sequence given below :-

- Acknowledgement
- Index
- English Literature

Critical Analysis of the short story 'The Great Automatic Grammatizator'.

- English Language

Write a review of a movie of your choice.

NOTE :-

1. The word limit for each topic should not be less than 1000 words. (5-6 pages)
2. The matter should be well supported by pictures.

#### PHYSICS

**MAKE A PROJECT ON ANY ONE OF THE TOPICS GIVEN BELOW .**

- 1) GRAVITATION : PLANETS AND SATELLITES**
- 2) PROPERTIES OF MATTER**
- 3) HEAT AND THERMODYNAMICS .**
- 4) OSCILLATIONS AND WAVES .**

**Prepare the project as per the instructions given in your class**

**Last date for submission of the project is 17.07.2023**

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#### CHEMISTRY

- Make a Chemistry project of 40-45 pages on VITAMINS AND HORMONES as per the instructions given in the class.

## MATHEMATICS

- 1- Mathematics project
- 2- Revision of the chapters that have been taught in the class.

## BIOLOGY

Make biology project of 35-40 pages on one of the various topics related to recent advances and developments in the field of biology as discussed in the class.

The project should contain respectable number of pictures/ graphs/ tables/ facts etc. relevant to the topic.

## ECONOMICS

TOPIC - NATIONAL EDUCATION POLICY 2020

1. Acknowledgement
2. Index
3. Introduction to National Education Policy 2020
4. Features of National Education Policy 2020
5. Benefits and Relevance of the Policy in our Country
6. Education Index in India [From - 2010-2020]
7. Shortcomings of previous Education Policy
8. Comparison between Policies of 1986, 1992 and 2020
9. Conclusion
10. Bibliography

### **INSTRUCTIONS:-**

- Use only WHITE INTERLEAVE SHEETS.
- Use of BLACK/BLUE ink only.
- Required Page Limit:- 10-15
- PICTURES, GRAPHS, ETC. can be used.
- Date of Submission :- 15<sup>th</sup> JULY 2023

## COMPUTER SCIENCE

**WRITE THE FOLLOWING PROGRAMS IN JAVA IN YOUR CLASS WORK REGISTER.**

### **QUESTION 1**

Design a program to accept a day number (between 1 and 366), year (in 4 digits) from the user to generate and display the corresponding date. Also, accept 'N' ( $1 \leq N \leq 100$ ) from the user to compute and display the future date corresponding to 'N' days after the generated date. Display an error message if the value of the day number, year and N are not within the limit or not according to the condition specified.

Test your program with the following data and some random data:

#### Example 1

INPUT:

DAY NUMBER: 255

YEAR: 2018

DATE AFTER (N DAYS): 22

OUTPUT:

DATE: 12 TH SEPTEMBER, 2018

DATE AFTER 22 DAYS: 4 TH OCTOBER, 2018

#### Example 2

INPUT:

DAY NUMBER: 360

YEAR: 2018

DATE AFTER (N DAYS): 45

OUTPUT:

DATE: 26 TH DECEMBER, 2018

DATE AFTER 45 DAYS: 9 TH FEBRUARY, 2019

#### Example 3

INPUT:

DAY NUMBER: 500

YEAR: 2018

DATE AFTER (N DAYS): 33

OUTPUT:

DAY NUMBER OUT OF RANGE.

Example 4

INPUT:

DAY NUMBER: 150

YEAR: 2018

DATE AFTER (N DAYS): 330

OUTPUT:

DATE AFTER (N DAYS) OUT OF RANGE.

## Question 2

A company manufactures packing cartons in four sizes, i.e. cartons to accommodate 6 boxes, 12 boxes, 24 boxes and 48 boxes. Design a program to accept the number of boxes to be packed (N) by the user (maximum up to 1000 boxes) and display the break-up of the cartons used in descending order of capacity (i.e. preference should be given to the highest capacity available, and if boxes left are less than 6, an extra carton of capacity 6 should be used.)

Test your program with the sample data and some random data:

Example 1

INPUT : N = 726

OUTPUT :

48	x	15	=	720	
6	x	1	=	6	
Remaining		boxes	=	0	
Total	number	of	boxes	=	726

Total number of cartons = 16

Example 2

INPUT : N = 140

OUTPUT :

48	X	2	=	96		
24	x	1	=	24		
12	x	1	=	12		
6	x	1	=	6		
Remaining	boxes	2	x	1	=	2
Total	number	of	boxes	=	140	

Total number of cartons = 6

### Example 3

INPUT : N = 4296

OUTPUT : INVALID LENGTH

## BIOTECHNOLOGY

Make biotechnology project of 30-35 pages on one of the various topics related to recent advances and developments in the field of biotechnology as discussed in the class.

The project should contain respectable number of pictures/ graphs/ tables/ facts etc. relevant to the topic.

## ACCOUNTS

- MEANING OF ACCOUNTING
- OBJECTIVES OF ACCOUNTING
- ACCOUNTING CYCLE ( IN DETAIL, WITH STEPS)
- USERS OF ACCOUNTING INFORMATION
- ADVANTAGES OF ACCOUNTING
- LIMITATIONS OF ACCOUNTING
- SYSTEMS OF ACCOUNTING
- ALL BASIC TERMS OF ACCOUNTING
- ALL PRINCIPLES OF GAAP

*THE PROJECT HAS TO BE COMPILED IN A RPORT FILE.*



## हिंदी ग्रीष्म अवकाश गृहकार्य

### हिंदी परियोजना कार्य

किसी भी विषय पर दो निबंध लिखने हैं (शब्द सीमा 400-450 शब्द)

काव्य मंजरी में से पढ़ाई गई कविता के कवि का परिचय और भावार्थ लिखना है।

आषाढ़ का एक दिन नाटक में से किसी भी मुख्य पात्र का चरित्र चित्रण लिखना है।

गद्य संकलन में से पढ़ाई गई कहानी के लेखक का परिचय और उस कहानी का सारांश लिखना है।

## PHYSICAL EDUCATION

workout

20 pushup per

30 crunches

600mtr running

50 mtr dash running

20 Broad jump

10 Shuttle run

### **Project**

Diagram of football field

Diagram of bat

Diagram of badminton racket

in white chart with full specification