HOLIDAY HOMEWORK

(2024-25)

- **WRITE ALL THE GENERALLY ACCEPTED ACCOUNTING PRINCIPLES (GAAP).**
- **INTERNATIONAL FINANCIAL REPORTING STANDARDS (IFRS).**
- **ALL BASIC ACCOUNTING TERMS GIVEN IN BOOK.**

CHEMISTRY HOLIDAY HOMEWORK 2024-25

Make a project on the topic **GREEN CHEMISTRY.**

Minimum 35 pages (coloured pages can be used for writing)

Use a project file with the following details –

- White cover with school monogram in the centre and name of the project written on it.
- Name slip on right corner (bottom)
- Acknowledgement, index followed by the contents and bibliography.
- Each topic taken up should be completed with diagrams and illustrations (coloured) with footnotes.

Dear students.

You are required to prepare physics project on any**one** of the following topics given below.

- **Heat and thermodynamics.**
- **Waves.**
- **Gravitation**
- **Kinetic Theory of Gases**
- **Simple Harmonic motion**
- **Motion in a Plane**

Kindly follow the following instructions for preparing the project.

- Use **A_4**size interleave sheets for writing the matter of the project.
- Project is to be submitted in a drawing file/Project file which should be covered with the white paper and Cellophane.
- On the cover page of the file you must write your name, class, section, roll number, session at the right hand bottom corner.

- You must paste a coloured print out of the topic of the project with relevant picture on the cover page of the project.
- Page limit of the project is 20 - 25 pages.
- Diagrams related to the topic of the project can either be handmade diagrams or the printout of the same.

COMPUTER SCIENCE
Holiday Homework (2024-25)
Class : XI

Instructions: Make a hard cover Computer Practical file, after trying the following programs on the system. Copy down the same in your Computer Practical File and you have to submit in the Second week of July

Question 1
A Goldbach number is a positive even integer that can be expressed as the sum of two odd primes.
Note: All even integer numbers greater than 4 are Goldbach numbers.
Example:
6 = 3 + 3
10 = 3 + 7
10 = 5 + 5

Hence, 6 has one odd prime pair 3 and 3. Similarly, 10 has two odd prime pairs, i.e. 3 and 7, 5 and 5.
Write a program to accept an even integer 'N' where N > 9 and N < 50. Find all the odd prime pairs whose sum is equal to the number 'N'.
Test your program with the following data and some random data:
Example 1
INPUT:
N = 14
OUTPUT:
PRIME PAIRS ARE:
3, 11
7, 7

Example 2
INPUT:
N = 30

OUTPUT:
PRIME PAIRS ARE:
7, 23
11, 19
13, 17

Example 3
INPUT:
N = 17

OUTPUT:
INVALID INPUT. NUMBER IS ODD.

Example 4
INPUT:
N = 126
OUTPUT:
INVALID INPUT. NUMBER OUT OF RANGE.

Question 2:

A **Prime-Adam** integer is a positive integer (without leading zeros) which is a prime as well as an Adam number.
Prime number: A number which has only two factors, i.e. 1 and the number itself.
Example: 2, 3, 5, 7 ... etc.
Adam number: The square of a number and the square of its reverse are reverse to each other.
Example: If n = 13 and reverse of 'n' = 31, then,

$(13)^2 = 169$
$(31)^2 = 961$ which is reverse of 169thus 13, is an Adam number.

Accept two positive integers m and n, where m is less than n as user input. Display all Prime-Adam integers that are in the range between m and n (both inclusive) and output them along with the frequency, in the format given below:
Test your program with the following data and some random data:

Example 1
INPUT:
m = 5
n = 100

OUTPUT:
THE PRIME-ADAM INTEGERS ARE:
11 13 31
FREQUENCY OF PRIME-ADAM INTEGERS IS: 3

Example 2
INPUT:
m = 100
n = 200

OUTPUT:
THE PRIME-ADAM INTEGERS ARE:
101 103 113
FREQUENCY OF PRIME-ADAM INTEGERS IS: 3

Example 3
INPUT:
m = 50
n = 70

OUTPUT:
THE PRIME-ADAM INTEGERS ARE:NIL
FREQUENCY OF PRIME-ADAM INTEGERS IS: 0

Example 4
INPUT:
m = 700
n = 450

OUTPUT:
INVALID INPUT

English Project for Class XI

Work should be done in a project file properly covered, neatly decorated and covered with cellophane transparent sheet.

Your work should be assisted with concerned pictures from the internet.

Your work should have proper headings, sub headings including introduction and conclusion.

Your work should be in the following sequence:

- **Acknowledgement**
- **Index**
- **English Literature**

In about 1500 words, write on the given topic:

Analysis of the character HamaguchiGoehi from the story 'A Living God' that you have studied.

- **English Language**
  Write any one proposal from your English Language book.
- **Bibliography**

Holiday Homework for Grade11

Biotechnology

Project work

All the project work should be done in a project file which must be neatly covered, decorated and labelled with a white coloured chart paper and cellophane sheet

The project must include the following

Introduction

Acknowledgement

Conclusion

Bibliography

The project should be of atleast 25 pages , also must include flowcharts, pictures related to the topic.

Light coloured interleafed sheets must be used in the project.

MATHEMATICS PROJECT

CLASS: XI (2024-25)

ASSIGNMENT – 1

[Any Topic From Section A]

[Minimum 15 pages]

The following will be the structure of the assignment-

1. Acknowledgement
2. Index
3. Introduction
4. Topic from Section A
5. Content will be based on
   (i) Sets (8 pages)
   (ii) Relations and Functions (7 pages)
6. Use Coloured Images according to the requirement
7. Conclusion
8. Bibliography
9. Remark

[THE LAST DATE FOR SUBMISSION IS 20th OF JULY]