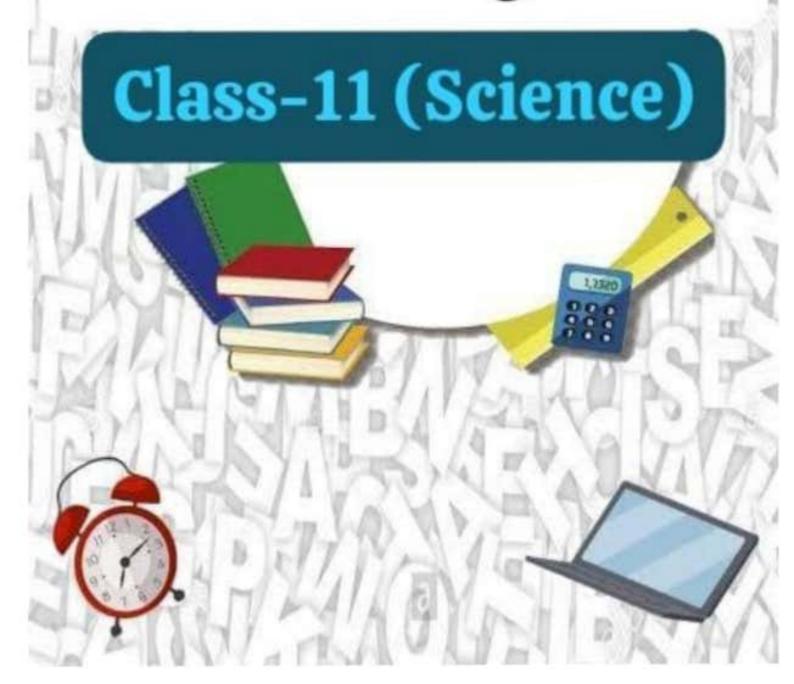
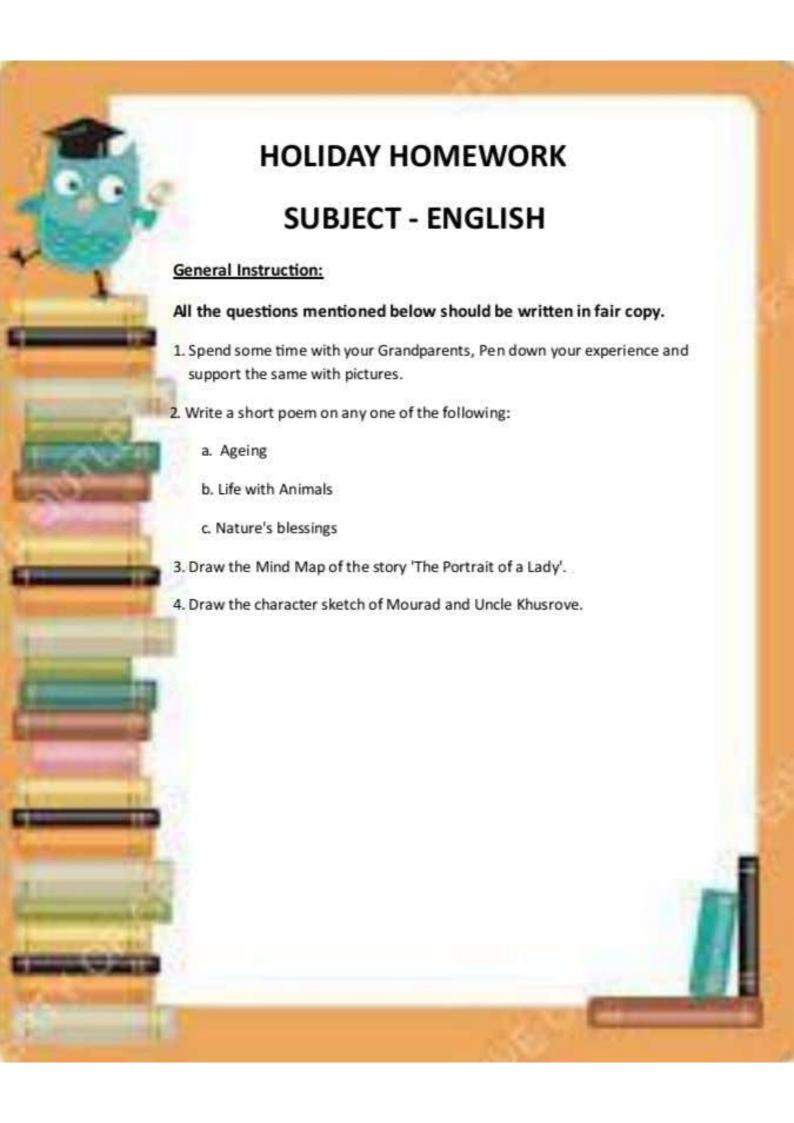
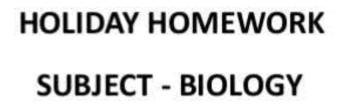


Summer Assignment





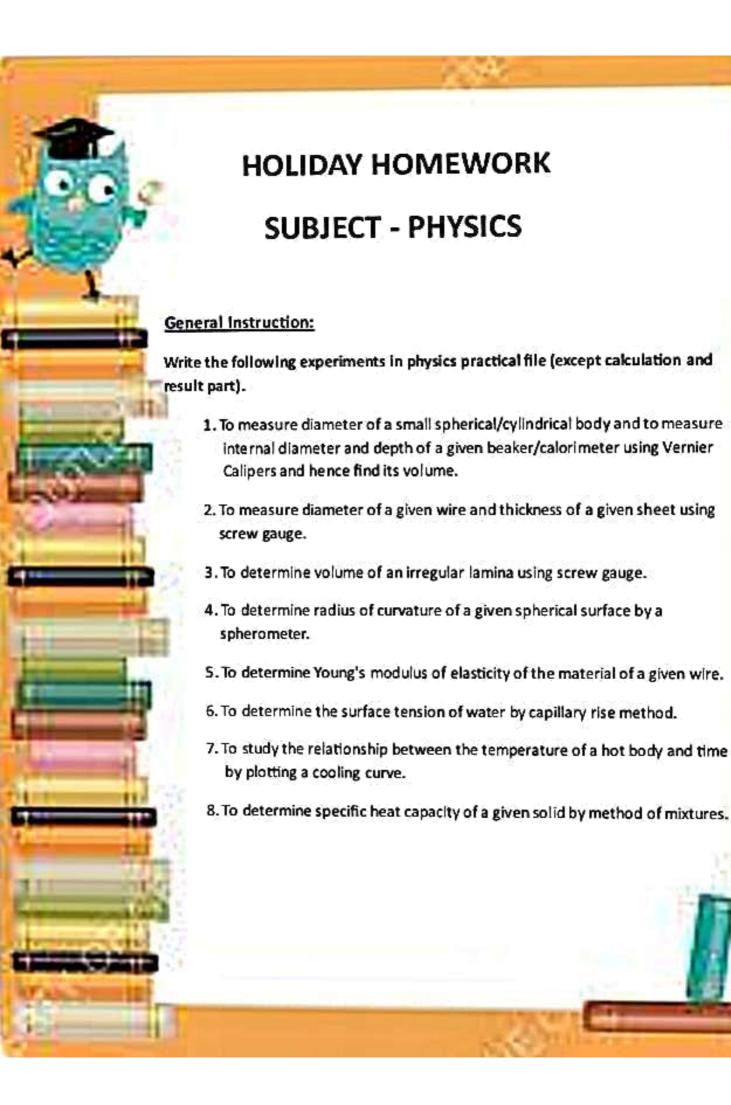


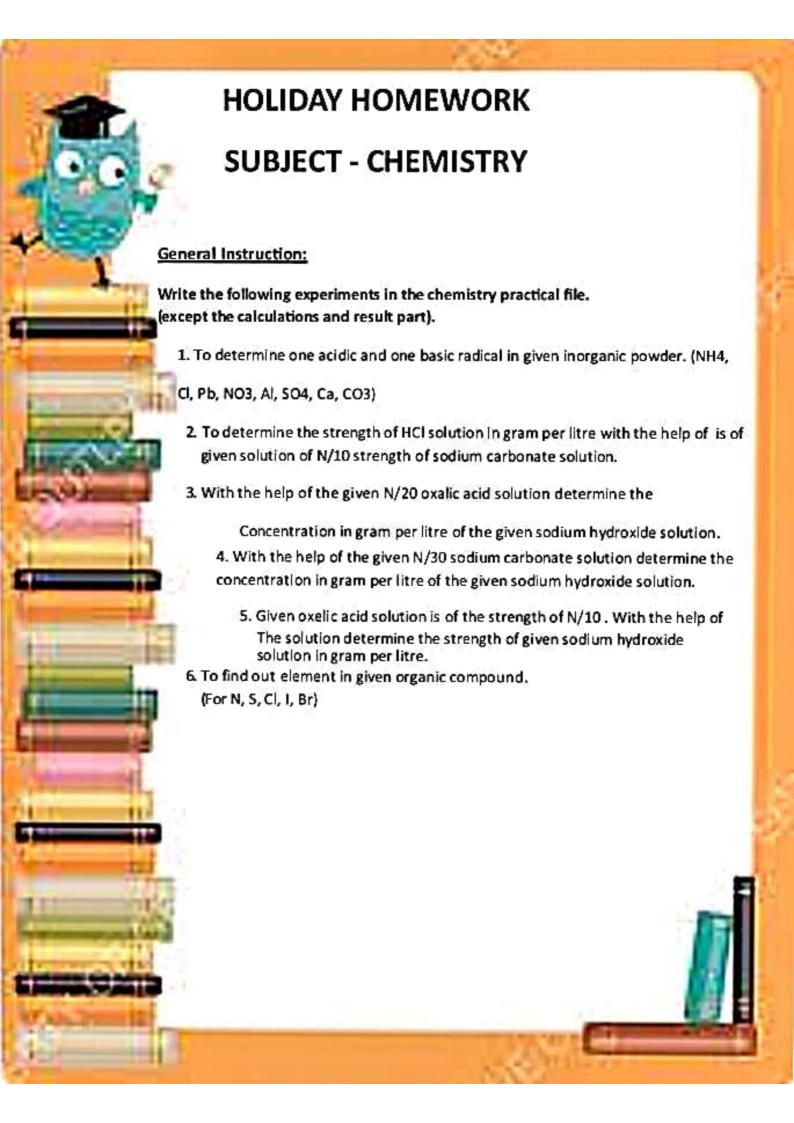
A. Write the following experiments in your practical manual.

(Note -Use only blue and black pen, draw diagrams neatly with pencil)

- Study and describe locally available common flowering plants, from family Solanaceael.
- Preparation and study of T.S. of dicot and monocot roots and stems (primary).
- Study of osmosis by potato osmometer.
- 4. Study of plasmolysis in epidermal peels (e.g. Rhoeo /lily leaves or flashy scale leaves of onion bulb).
- Study of distribution of stomata on the upper and lower surfaces of leaves.
- Comparative study of the rates of transpiration in the upper and lower surfaces of leaves.
- Test for the presence of sugar, starch, proteins and fats in suitable plant and animal materials.
 - B. Study and Observe the following (spotting):
 - 1. Parts of a compound microscope











HOLIDAY HOMEWORK SUBJECT - MATHEMATICS

General Instruction:

Write the following activities in your activity notebook.

Activity-1 To find the number of subsets of a given set and verify that if a set has number of elements, then the total number of subsets is 2"

Activity-2 To represent the set theoretic operations using venn diagrams.

Activity-3 To plot the graphs of sin x, sin 2x, using the same coordinate axes.

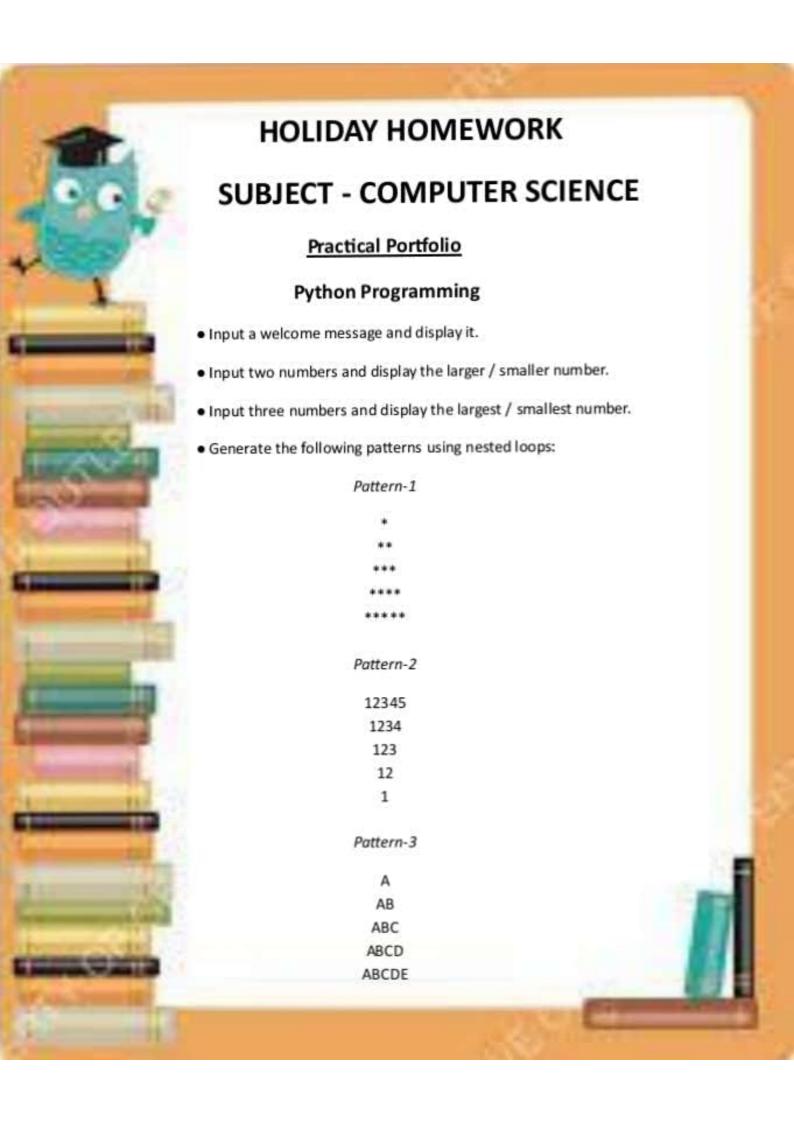
Activity-4 To obtain a quadratic function with the help of linear functions graphically.

Acytytty-5 To find the number of ways in which three cards can be selected from given five cards.

Activity-6 To construct a Pascal's Triangle and to write bionomial expansion for a given positive integral exponent.

Activity-7 To obtain formula for the sum of squares of first nnatural numbers.

Activity-8 To verify that for two sets A and B, n (AxB) = pq and the total number of relations from A to B is 2pq, wheren(A) = p and n (B) = q.







HOLIDAY HOMEWORK SUBJECT - ENTREPRENEURSHIP

Prepare a project on the following topics given below:

Topics for the Project:

- Visit of the District Industries Centre and prepare a report of activities and programs undertaken by them
- Conduct a case study of any entrepreneurial venture in your nearby area.
- Field Visit: Visit any business firm near your locality; interact with
 the owner of the business firm and prepare a field report on
 parameters like: type of business, scale of business,
 product/service dealing in, target customer, problems faced and
 measures to solve the faced challenges.
- 4. Learn to Earn
- Know your State Handicraft and Handlooms as a means of economic activity for the livelihood of people and intellectual property rights attached to them for the promotion of local specific skills.

Expected Checklist for the Project Work:

- 1. Introduction of topic/title
- 2. Identifying the product/service/entrepreneur
- 3. Identify the State handicraft
- 4. Various stakeholders and effect on each of them.
- 5. Use of different tools for market assessment and it's analysis
- Calculation of various costs involved in the selling process
- Validity, reliability, appropriateness and relevance of data used for research work and for presentation in the project file
- 8. Presentation and writing that is succinct and coherent in project file
- Citation of the materials referred to, in the file in footnotes, resources section, bibliography etc.

