

THE ASIAN SCHOOL, DEHRADUN
HOLIDAY HOMEWORK OF SUMMER VACATION 2016 FOR CLASS X

English:

1. Write a review of chapters 1 to 5 of the prescribed long reading text, 'The Diary of a Young Girl' (Anne Frank) based on Theme, Plot and Characters to be done chapter wise.
2. On the basis of Unit-1 'Health and Medicine' (M.C.B), write an article in about 250 words for your school magazine on 'Rising Obesity Among Youth' (Take clues from 'Whopping Walter Hudson' Laughter Yoga etc)
3. Read at least 2 books of your own choice during the vacations. Find out about the genre of that writing and other related such works in English language.

Hindi: 1- fuEu fo'k; ka ij yxHlx 400 "Krnka ds fucl/k fyf[k, & d½ ejk Hkjr egku [k½ vLrfj{k ea Hkjr ds pj.k
2- fuEu fyf[kr fo'k; ka ij i = fyf[k, & d½ l Mel i Vfj; ka ij nqlkuka }kj fd; sx, vfrØe.k l s gkus okyh vl fjo/kvka dk mYyqk djrs gq vi us uxj i kfydk ds es j dks i = fyf[k, A [k½ vi us fe= dks i = fy[kdj crkb, fd vki xfe; ka dh NqV; ka ea dgl; x, vlg ogk; vki us D; k u; k l h[kk\

3- vi uh 0; kdj.k i qrd l svH; kl dk; Lokys rhl jk vlg pkrk l kj yqku vi uh xgdk; l dWw ea fyf[k, A
4- ;vH0 & l ds i'ui = ds mRrj vi uh xgdk; l dWw ea fyf[k, A

Mathematics: PROJECT WORK:

A. Prepare a investigatory project on various aspects of the relation between Mathematics & Architecture.

The project should have the following descriptions:

1. History of mathematicians who developed this concept.
2. Origin of Architecture.
3. Famous Mathematical problems featuring the relation between Mathematics & Architecture

Reference: Students should use all available resources (NCERT, INTERNET etc.)

Instructions:

1. The project should be hand written.
2. The project should be done in a stick file.
3. The project should contain acknowledgement.
4. The project should be of at least ten pages.
5. It should have pictures and other relevant material.
6. It should have real life examples featuring the relation between Mathematics & Architecture
7. The project report should be presented in the following order- a) Cover Page showing title of the project, student information, name of school and academic session. b) Acknowledgements, c) Bibliography
8. Credit will be awarded to the original drawings, illustrations and creative use of materials.

B. Solve both the SETS of FA 1 Question Papers in the Maths Class Work Notebook.

Physics: 1. To prepare a report on principle and working of : i) electric motor ii) Electric Generator (AC and DC both)

Report should cover the following aspects : i) Definition ii) Principle involved iii) Methodology
iv) Applications of generator and Motor v) Picture and Diagram

Chemistry: 1. Prepare a report covering the various aspects of the following chemicals : i) ACIDS ii) BASES (At least five each)

(The report should cover the origin, chemical name, structure, preparation and practical utility.

2. Give complete metallurgy of copper with its practical presence.

Criteria for Evaluation a) Principle Involved b) Chemical Reactions c) Pictures & Diagrams d) Importance in Daily Life

Biology: Make an investigatory project report on Thyroid Gland and its disorders emphasizing the following points :

- i) Thyroid gland : Structure and Secretion
- ii) Disorders caused by hypothyroidism in children and adults.
- iii) Disorders caused by hyperthyroidism in children and adults.
- iv) Life style and thyroid disorders.
- v) Thyroid disorders common in hilly areas: an overview with case study.

Instructions : i) The project report should be handwritten in A-4 size pages.

ii) The project report should be presented in the following order- a) Cover Page showing title of the project, student information, name of school and academic session. b) Acknowledgements c) Chapters with relevant headings d) Summary and Conclusion based on findings e) Bibliography

iii) Credit will be awarded to the original drawings, illustrations and creative use of materials.

iv) All photographs and sketches should be labelled and acknowledged.

Social Studies:

History : Topic : Novel's and Writers of 20th Century. Prepare a project on Novelist work's and their novels.

Learning Outcomes : By doing this activity, student will know about the works and life of the novelists in detail.

Method : This activity can be completed in stick file and maximum pages should be 15 with pictures and images.

Geography : Topic : Prepare a project on following 'Multipurpose Projects'.

* Nagarjuna Sagar Dam * Tehri Dam

Also collect the information regarding their use and limitations.

Guidelines : Collect information from magazines, newspapers, reference books and internet.

Also paste the pictures relevant to the topic.

Objective : To familiarize the students with the term 'Multipurpose'.

To bring awareness among the students about the usage of water resources.

Skills Developed : Spread awareness among the students about significance of water and to avoid wastage of water resources.

(No of Pages 10-15)

Economics: Topic : Prepare a project report on sectoral contribution of different sector of Indian Economy (in terms of GDP and Employment) and their significance in National Economic Growth.

Guidelines: Collect the input from the following resources: a) NCERT Books b) Reference books c) Journal & Magazines
d) Newspapers e) Internet

Note : (No of Pages : 12-15)

Objective : Identifying the sectoral contribution in main stream development of Indian Economy.

Computer: 1. Make an activity to define HTML and XML. Define their features and the differences. Give some example code (Programming) of HTML & XML.

Note : a) Must be hand written b) At least 10 pages

Co-Scholastic : 1. Write a story in about 300 words on any one of the following topic:

a) Your most bizarre dream-----

d) When God came down to Earth-----

Write the story on the A4 sheet and mention the name class and section.

2. Write an article on FIRST AID in about 200 words.

3. Prepare a write up on your favorite game or sport. Paste pictures.

4. SUPW i) Make a poster on any **one** topics :

- Swaccha Bharat
- Global Warming

Size – A3

Colours : i) Oil Pastels, Water Colour and Poster Colours

ii) Make a paper Bag

- Use Colored drawing sheets or hand-made sheets.
 - Also Decorate that bag
- Size – A3
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