

**THE ASIAN SCHOOL, DEHRADUN**  
**HOLIDAY HOMEWORK FOR WINTER VACATION 2010 FOR CLASS XI**

- English** :
1. Write a report on the Founder's Day celebrations for your school magazines (100 words)
  2. Write an article on the role of youth in removing social ills of the society. (150 words)
  3. Write a letter to the editor of a local newspaper on any civic problem prevailing in your area (150 words).
  4. **Supplementary Reader** : Mothers Day, The Ghat of the only world (the above chapters are to be read and all the questions of the chapter to be done in a separate note book)
- Hindi** :
- 1- 'yrk exs dj^ ds 0; DfrRo rFkk xk; dh ij , d fucl/k fyf[k, A
  - 2- 'os vkkla dfork dks i<ej Hkkjrh; fdl ku dh tks Nfo vkkla ea mHkjrh gS ml dk 'kCn fp= dgkuh ds #i ea fyf[k, A
  - 3- pEik dh rjg dh lkp dk gh ifj.kke gSfd vkt nsk ea fuj{kjka dh l a; k ux.; ugha gpz gS vkt nsk dks l{kfj cukus dsfy, D; k djuk pfg, \
  - 4- nq; r dekj dh xty dh fo'ksrk, Wfyf[k, A
  - 5- ckyrdq xlr }kj jfor fonkbZ l Hkk'k.k dk l kj vius 'kCnka ea nht, A
  - 6- ifrfnu fgluh l ekpj i= i<ej eq; ikp l ekpj fyf[k, rFkk l EcfU/kr fp= Hkh yxkb, A
  - 7- %d% ikt.VeSu dh f'kd; r djrs gq ikt.VekLVj ds uke , d i= fyf[k, ftl ea ml ds vfu; fer jgus rFkk vHknz 0; ogkj dh ppkZ gkA
- ¼k½ vki l furk oekZ gA vki dh dkj nqk/Wuk xLr gS xbz gS ftl ds dkj.k vki dks cgr ptk/ vkbZ gA , d eghus dk vodk'k ekkrsgq vius izkkukpk; Z th dks i= fyf[k, A
- ¼x½ nksuka iqrda l si<k, x, l Hkh ikBka dks /; kui nZd i<a rFkk ; kn djA
- Maths** :
- Revision work- Do the following questions in a new separate note book from te reference book R.D. Sharma.**
- Chapter 18 : (R.D. Sharma)**
- Sequence & Series**
- Ex-18.2, Q no. 8, 10, 13, 18, 22  
 Ex-18.3, Q no. 1, 3, 4, 5  
 Ex-18.4, Q no. 6, 12, 15, 22, 23  
 Ex-18.5, Q no. 1, 2  
 Ex-19.1, Q no. 6, 11, 14  
 Ex-19.2, Q no. 1, 5, 7  
 Ex-19.3, Q no. 4, 14  
 Ex-19.4, Q no. 3, 11  
 Ex-19.5, Q no. 6, 14  
 Ex-19.6, Q no. 1, 8  
 Ex-20.1, Q no. 5, 8, 10  
 Ex-20.2, Q no. 2, 4
- Chapter 22 : (R.D. Sharma)**
- Straight line**
- Ex-22.3, Q no. 5, 8  
 Ex-22.4, Q no. 4, 6, 7, 12  
 Ex-22.5, Q no. 4, 8  
 Ex-22.6, Q no. 18, 3  
 Ex-22.10, Q no.6, 13  
 Ex-22.12, Q no. 10, 4, 3, 12, 18, 21  
 Ex-22.15, Q no. 8, 9, 11, 2, 5  
 Ex-22.16, Q no. 1, 4  
 Ex-22.19, Q no. 3, 4, 6
- Chapter 7: (R.D. Sharma) Trigonometry**
- Ex-7.13, Q no. 1, 2, 5, 8, 10, 11, 12, 17, 18, 24, 28, 30  
 Ex-8.1, Q no. 5, 6, 8  
 Ex-8.2, Q no. 2, 5, 6, 7, 8, 9 (i), 12  
 Ex-9.1, Q no. 2, 4, 5, 8, 11, 17, 20, 21, 22, 28, 30, 33, 35  
 Ex-9.3, Q no. 7, 8, 9, 10
- Science** :
- Physics** : 1. NCE-RT-Numerical problems from chapter [Gravitation Rotational motion & mechanics of fluids]  
 2. Collect a data from measurement of Planetary motion and confirm Kepler's law of periods from that data.  
 3. Mention at least eight points of comparison between translational & rotational motion.  
 4. Make a table along with diagrams for moment of Inertia of some regular shaped bodies about specific axes.

**Chemistry** : Q1. Prepare notes & attempt exercise questions from the unit XIV – Environmental Chemistry.

Q2. Give structures, isomerism, laboratory preparation & chemical reactions of the following –

(i) Alkanes, (ii) Alkenes, (iii) Alkynes, (iv) Benzene

Q3. Give preparation structure & chemical properties of ionic hydrides, covalent hydrides, heavy water, hydrogen gas & H<sub>2</sub>O<sub>2</sub>

**Note** : **Separate notebook to be maintained for the assigned holiday homework.**

**Biology** : (a) Make an investigatory project report on viruses with respect to their structure and nature of genetic material.

(b) Also name ten viral diseases in human beings, their causative agents, symptoms and preventive measures.

**Economics** : Make a project on New Education Policy consisting of (Introduction, Objective, Achievement, Growth (Use Diagram, Data, Graph etc). Make project in separate file along with acknowledgement and bibliography.

**P.E.** :  
1. Make a detailed study on recent common wealth games. Also include the history, participating countries, events, awards, records, stadium etc.  
2. Make a detailed study on ongoing Asian Games. Also includes, history, participating countries, events, awards, records, stadium etc. opening & closing ceremony, flags etc.  
3. Make a study on (i) Arjun Award, (ii) Dronacharya Award, (iii) Rajiv Gandhi Khel Ratan Award, Solve both sets of PE Unit test II – 3 times.

**B.ST** :  
1. Make a project on any multinational company covering its (i) objective, (ii) capital structure, (iii) organizational structure, (iv) participation in social welfare.  
2. Visit any commercial bank and write a report on its working and functions.

**Accounts** : Make a project on stock exchange covering :  
(i) History of stock exchange in India.  
(ii) Objectives of stock exchange in India.  
(iii) Role / function of stock exchange in India.  
(iv) Major stock exchange in India with brief explanation on them.  
(v) Major stock exchange index like sensx, nifty with brief note on them.

**Computer** :  
1. Write a programs on functions belong to ismanip.h header file.  
2. Write the detailed notes on DOS command. (minimum of 10 commands)  
3. Collect information on the personalities who have devoted their lives to computers.  
4. Unicode scheme – character code.

**Music** : Make a project file and do the following activities.  
a) Visit any classical musician (can be instrumental artist also) and take an interview based on the following guidelines – Gharana.  
• Starting of training period.  
• Guru- incidences during training period.  
• His/ her view on the present system of music education etc.  
b) Search on the search engine (google etc.) about the following facts.  
i) works, achievements of Pt. V. N. Bhatkhande  
ii) Works, achievements of Pt. V.D. Paluskar.  
c) Make Alankars (atleast five) using your own creative skills [other then done in class]

**SUPW** : Make a pot with layering or strip paper mache and colour, The size of the pot should not be less than 8".