THE ASIAN SCHOOL, DEHRADUN
HOLIDAY HOMEWORK FOR WINTER VACATION 2011 FOR CLASS XI

English :

1. Last night your scooter was stolen from the parking lot in your colony. When you went to lodge a report of the theft, the SHO asked you to write a description of your scooter. Write the description in not mote than 100 words. You are Akshat/ Ankita Sood.

2. Rekha reads a news report about the tendency in children to stay away from any sort of physical activity. She decided to make use of the information to write an article for her school magazine. Write the article for her. (200 words)

3. You are Rikitka/ Rajesh, who has just passed class XII Humanities Stream with 83% marks. You are not clear about the available options and courses in college. You have come across an advertisement on career counseling by eminent educationists. Write a letter to them, asking them for more details about vocational courses offered by the University. Do not exceed 150 words.

Hindi :

¼1½ ÞD;ku ijgst djus age iksVY;hFkhu Ikß] & ij ,d Qhpj fyf[k,A
¼2½ ßu”ksdh nyny ea/kd rh ubZ ih<Þ& ij ,d Qhpj fyf[k,A
¼3½ vki dsfo|ky; ea LFkkiuk fnol ij lekt dh “kfDr;kJ fo’k; ij in”kuh dk vk;kstu fd;k x;k ftlesav/;kidksvkdkJ fo|kFkkZ;ksausiet[k ;kxnku fn;kA vki bldh fjikVZ r$kkj dhft,A
¼4½ Ipuk iksVksfdxdh dk lekt ij iMkko fo’k; ij ,d 300 “kCnksadk fuctU/k fyf[k,A
¼5½ dkbZnksaviifBr x|kak ,oadk0;k”kZ it’ukkRrj lfgr fyf[k,A
¼6½ vius {ks= dh lekL;kvksavki tfo/kvksadh vkj /;ku vkdf'kZr djrsgq, {ks= dslIkn&InL; dksi= fy[kdj mUgsanjj djusdk vuqjks/k dhft,A

Maths :

1. Solve the question paper for 2nd unit test

2. Solve the examples of the chapters
a. Conic sections
b. 3-D geometry
c. Straight line
d. Trignometry.

Science :

Physics : 1. Write short notes on the following scientists

(a) Robert Hook   (b) Lord Kelvin   (c) Archimedes's   (d) Rudolf Clausius

2. Make a project (working model) on anyone application of

(a) Pascal's law   (b) Terminal Velocity   (c) Bernoulli's Theorem.

Chemistry : 1. Prepare a report on Environmental Chemistry.

2**.** Highlighting : Objectives

Present state of environment
Laws to curb the pollution
Strategies adopted to control and provide
Alternative tools.

Report on Hydrocarbons
Alkanes; Alkenes; Alkynes and Aromatic Hydrocarbons
Structures; conformations and properties
Sources
Applications
Toxicity effect
Hydrogen as a fuel.

Biology : Prepare a project on Human Skeletal System and cover the following topics.

i.   Introduction and definition
ii.   Parts of skeletal system
iii.   No. and names of Bones present in Human Skeletal System and their description.
iv.   Functions of Skeletal System in Humans.

Economics : If farmers commit suicides owing to their mounting debts do you think the fault lies exclusively with rural Banking system? Do you think loans should be written off in case farmers find it difficult to pay off. Write your views in detail.

Draw a family profile of your domestic help. If should include details of occupation of family members their Assets & liabilities. Write your assessment whether that family is below poverty line or above poverty line.

P.E. : **Group 2-** (XI A, XI B)
Detailed study on Suryanamaskar
Prepare chart on Suryanamaskar in sequence.
Group 2- (XI C, XI E)
Detailed study on Postural Deformities & their preventive measures.
Prepare chart on Postural Deformities.
Group 2 & 3- (XI D, XI F)
Detailed study on Common Sports Injuries.
Prepare chart on Common Sports Injuries.
Group 3- (XI A XI B, XI F)
Detailed study on Therapeutic aspect of Yoga.
Prepare chart of various yogic Asanas.
Group 3- (XI C, XI E)
Detailed study on Pranayam.
Prepare chart on Pranayam.

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 : Prepare Journal, ledger & Trial balance of the following question from your Book (NCERT)
Q.No. 16 (Page 86) and Q No. 20 (Page 88)

Computer : A bank accepts fixed deposits for one year or more and the policy it adopts on interest is as follows :-
1. If a deposit is less than Rs.2000 and for 2 or more years the interest rate is 5 % compound annually.
2. If a deposit is Rs. 2000 or more but less than 6000 and for 2 or more years the interest rate is 7 percent compounded annually.
3. If a deposit is more than Rs.6000 and is for 1 years or more, the interest is 8% compounded annually.
4. On all deposits for 5 years or more, interest is 10 percent compounded annually.
5. On all other deposits not covered by above conditions, the interest is 3% compounded annually.

Music : Prepare a project on different forms of music prevalent in Indian like Indian Classical music & folk music and also highlight on the different forms of dance.

SUPW : make a village landscape painting in half imperial size ie Half of the drawing sheet, with water colour.
One still life drawing in half of the drawing sheet with pencil shading.