

**AMBE SCHOOL, CBSE  
HOLIDAY ASSIGNMENT  
2015-16 Grade (XII)**

**Subject: English**

**TOPICS : Poster, report writing , business letters, official letters L-Deep Water & The Rattrap Lost**

*Note: Attempt following questions on project sheets and make a separate file for it.*

**Q1** Design and draft a poster to sensitize people about the need to keep surroundings clean in 50 words. (5 M)

**Q2** You are Raman of Model Sr. Sec School, Delhi. You visited International Book Fair organized from 14th Nov to 29th Nov 2012 at Pragati Maidan by Delhi administration. Write a brief report in 125-150 words giving all detail about its objective, types of books, publishers, arrangements etc for your school magazine. (10 M)

**Q3** You are Anshul ,Librarian of Akash Public School, Chandigarh. Write a letter to the Sales Manager of Bharat Publishers Limited, Delhi, placing an order for science text books for classes VI to VIII and request them to send the books at the earliest as the session has already begun. (10 M)

**Q4** You are Anshul ,Librarian of Akash Public School, Chandigarh. Write a letter to the Sales Manager of Bharat Publishers Limited, Delhi, enquiring about the undue delay concerning the delivery of science text books for classes VI to VIII books for your school library for which you placed an order two months ago. Also specify that you may have to cancel the order in case of further delay as the first term exams are within a month. (10 M)

**Q5** you are Kanishka of Gurgaon. Of late there have been increase in the no. of people in NCR region commuting for job in and around Delhi. Write a letter to the concerned department to increase the no. and frequency of bus service so as to meet the requirement of people. (10 M)

**Q6** Fear is a stumbling block in the path of progress. It must be overcome. Discuss by quoting instances from 'Deep Water' in about 125 words. (5 M)

**Q7** Kindness and passion can change anyone's heart. Support your answer by quoting instances from 'The Rattrap' in 125 words. (5 M)

**Collect reports on the following topics, from newspaper or magazine and paste on project sheets: (8 M)**

- Workshop or seminar on any health issue/academics etc.
- Event - Annual Function/Prize Day etc.
- Sports - Sports Day/Sports competition
- Competition-Inter School/Inter House/Inter class etc.
- Summer Camp / trip

**Visit any one of the following places and write a factual description about what you saw there and how this experience affected your life. (150 words) (8 M)**

hospital/ orphanage/ old age home/ blind school/School for special children or any other such place .

**Vocabulary** - Write 30 new words with phonetic transcription, their meanings and usage

**Quotes** - Write 15 quotations on different topics e. g. books, sports, health, success, life etc.

**Novel** - Read novel "The invisible man" by H.G. Wells.

**Reading** - Read newspaper everyday and select at least one main news of your interest. Compile them in a paragraph of 150-200 words.

**Subject: Physics**

Prepare Investigatory Report on the following assigned topics:

S.N.	TOPIC	Roll No.
1	Half Wave Rectifier With Capacitor Filter	1,11,21,31
2	Optical Fibre And Its Application	2,12,22,32
3	Dry Cell Charger	3,13,23
4	Electric Generator	4,14,24
5	Full Wave Rectifier	5,15,25
6	Effect Of Temperature On Magnetic Strength	6,16,26
7	Electromagnetic Induction	7,17,27
8	Light Dependent Resistance	8,18,28
9	Logic Gates	9,19,29
10	Refractive Index Of Different Liquids	10,20,30

**Subject: Chemistry**

Prepare investigatory report according to your roll number :

1. To analyze the available honey by checking the presence of different minerals & carbohydrates. (Roll no.1,17)
2. To compare the rate of fermentation of the samples of wheat flour, gram flour, rice flour & potatoes.(Roll no.2,18)
3. To detect the presence of adulterants in oil/butter, sugar & chilli powder.(Roll no.3,19)
4. To find & calculate the percentage of fatty material in different soap samples.(Roll no.4,20)
5. To study the time taken for digestion of starch by salivary amylase.(Roll no.5,21)

6. To study the presence of insecticides/pesticides (nitrogen-containing) in various fruits & vegetables.(Roll no.6,22)
7. To study the constituents of an alloy.(Roll no.7,23)
8. To study the quantity of casein present in different samples of milk.(Roll no.8,24)
9. To measure the solubility of saturated solution of table salt , epsom salt & sugar.(Roll no.9,25)
10. To prepare soyabean milk & its comparison with the natural milk with respect to curd formation & taste.(Roll no.10,26)
11. To analyze the given samples of commercial antacids by determining the amount of hydrochloric acid they can neutralize. (Roll no.11,27)
12. To study the role of different emulsifying agents in the formation of emulsion.(Roll no.12,28)
13. Determination of the dosage of bleaching powder required for sterilization of different samples of water.(Roll no.13,29)
14. To study the effect of food preservatives under various conditions of concentration, time & temperature.(Roll no.14,30)
15. Measuring the amount of acetic acid in different types of vinegar.(Roll no.15,31)
16. Comparative study & qualitative analysis of different brands of cold drinks available in market.(Roll no.16,32)

**Subject: Biology**

Grow and submit any one medicinal plant. Also make a project file describing its medicinal values and optimal conditions required for growth.

**Subject: Maths**

**From R.D. Sharma**

• Topic : Properties of composition of function (on page 2.41)

Theorem 1 to 7

Do the complete assignment on project paper only.

**Subject: Computer Science**

Design a software in C++ to automate any of the real life working of the System (Eg. Library Automation, School Automation, Fees Management, Payroll system, Banking Automation, Railway Reservation Management, etc.)

Write code for designing the pages and give input / output functions for the same.