

Summer Vacation Assignment

XI-B1

Chemistry

- 1 Do NCERT intext and back excercies, question of Chapter -3 (all) Chapter (4.1 to 4.23)
- 2 Revise and learn Chapter 2,3,4
- 3 Draw neat and clean colourful periodic table on A-4 size sheet and paste it in assignment notebook.
- 4 Make a model on any topic of chemistry (Preferably topic of your syllabus)

OR

Plan your model on any topic from the following for Gyan Vigyan Mela and collect material for it. The model will be made in school. (Only student interested in taking part in competition)

1. use of energy in human welfare.
2. Communication Technology
3. Recycling of polymers
4. Bio technology & its uses
5. Innovative Model

OR

Prepare a seminar with complete details (Courses to be studied, eligibility for admission, entrance exam, reputed colleges, scope in India & abroad, famous personality etc.) in following careers in chemistry:

- Forensic scientist
- Chemical engineer
- Health care scientist
- Clinical biochemistry
- Nano technologist
- Research scientist
- Toxologist
- Nuclear engineer
- Science writer
- Teacher & lecture
- Environmental consultant

- 5 Write 10 Amazing facts about chemistry.
- 6 Collect and paste news about chemistry from newspaper or magazines (atleast five).
7. Prepare for paper reading contest for Gyan Vigyan Mela (Only interested students).
* Hydrogen Gas : a fuel of future

Physics

Complete the given assignement.

MATHEMATICS

Example	Question Nos.
1.5	4,5,14,15
2.2	6,9,10

2.3	8,9,10
3.3	7
3.4	4,6,8,11
3.5	1(i),3
3.6	10(i),11(i),16(i),19,21,22(i) & (iv)
3.7	6,7,9,11,13,14(ii)
3.8	3,4(i) & (ii), 5(i) & (iv), 6,7(ii), 10(i), 11, 12(i), 13
3.9	3(ii), 5(ii) & (iv), 6(ii) & (iv), 7(ii),(iv)&(v),8,12,13,15,18,19(i),20(iv),23(i) & (ii)
3.1	4(i), 5(iii),6(i) &(iv), 7(i),(ii),8(v),9(i),10(i), (iv) &(v),11(i) & (iii)

Mass Media

- Q1 Ad on 'Swatchh Bharat'.
 Q2 Top 10 journalists in India.
 Q3 Environmental at photography
 Q4 Success story of any one youtuber
 Q5 Study on any one coap opera.
 Q6 10 major advertising agencies in India
 Q7 Review the latest version of Mac devices available in market place in phone.
 Q8 The evolution of india cinema.
 Q9 Internet as a career
 Q10 A print Ad on any product (A3 size)

ENGLISH

(Reading Section)

Worksheet No. 2,3,5,6,8,9,11,12

Note making 1-2 (worksheet)

(Writing Section)

Notice Worksheet-21

Advertisement Worksheet-25, 26

Letter to Editor 41,42,43 (Worksheet)

Articles Worksheet : 51,52,57,65

Grammar Worksheet-71

Literature Learn the following Chapters and attempt the questions based on the same in 'Bravia'.

1. The portrait of a lady
2. We are not Afraid to Die if can all Be Together
3. A photograph (poem)
4. The Summer of a Beautiful White Horse

Read the novel "The canterville Ghost"

Prepare yourself for English carnival.

COMPUTER SCIENCE

1. Question Bank :-

- a) Define Software . Briefly define its types.

- c) Differentiate between Application software and system software give example.
- d) Explain the need of Operating System.
- e) Differentiate between Compiler and Interpreter.
- f) How many megabytes make 1 terabyte?
- g) What is compiler? How it is different from Interpreter?
- h) Name two super computer designed by India.
- i) What are the different types of computers? Explain each of them in detail.
- j) Explain different generation of computers.
- k) What is the difference between compiler and assembler?
- l) Write about third generations and fourth generation of computer.

2. Project :-

Prepare a Power Point Presentation on any 2 of the following topic and mail the same on gnavholidaywork@gmail.com:

- (1) Types of Printer
- (2) Operating System
- (3) Internet
- (4) Input/Output Devices

It should include minimum of 15 - 20 slides of content

3. Design a flowchart for the following

- (1). To find out the sum of first 10 even numbers.
- (2). To find out bigger number out of three numbers.
- (3). A, B, C are the marks scored by a student in Science, Mathematics and English. Design a flow chart to find out the percentage of student.

Physical Education

- Q1 Calculate BMI of your family.
- Q2 Write in briefly about olympic.
- Q3 Write about athletics. Collect important information about it.

Photography Contest

Students who want to participate in photography contest must bring hard copy of photo click by them (8 inches x 6 inches) and submit them to their respective house incharges after coming from vacations. Themes for the contest are as follows :-

- * Home town Pride (Photo about your hometown or village)
- * Backflash (Black & White Photo)
- * Shadows
- * Nature's finest
- * Reflection (In water or mirror)
- * Grand fun with grand parents (Photography of you with your grand parents having fun)
- * Object photography (Photography on objects in a creative manner)
- * More than a toy (Photography on toys in a creative manner)
- * The world through my eyes (Open slot for any kind of photography)

Rules

1. Photo must be clicked by the student himself
2. It should not be edited in any way.
3. There must be a caption with the photograph.

4. Details must be written at the back of photograph. (Name, Class, Roll No., House, Caption & Theme)
5. Only one photo per student will be accepted on any one theme

File Work

Create a file of photocopy of important documents to be kept with you in hostel. It must contain **photocopies of** –

1. Aadhar card of student
2. Aadhar card of mother
3. Aadhar card of father
4. 4 passport size photos of student
5. 2 passport size photos each of father, mother
6. DMC of Class-X
7. Report card of previous class
8. SLC (Previous school)
9. Character Certificate (Previous school)
10. MIS School Leaving Certificate
11. Certificate of category other than general
12. Any other document you feel is important to be kept with you (regarding health, blood group etc.)

- **It is mandatory for students to submit the pending documents DMC, Character Certificate, SLC & MIS Certificate to their respective class incharge by 2nd July, 2018.**