

# Summer Holidays Homework Class XI Science

Class Teacher Name - Mr. Amit Negi

Chemistry - TEACHER'S NAME - Mr. Kripal Singh  
PHONE NUMBER - 8954256326

1. To compare Thomson, Rutherford, Bohr and quantum mechanical model of atom in the tabulating form.
2. To complete N.C.E.R.T. exercise of chapter 1 and chapter 2.

English - TEACHER'S NAME - Sunita Bhatnagar  
PHONE NUMBER - 9719775484

1. Write a story within 350 words on any of the following themes in your notebook and memorize it to tell in front of the class as a part of ASL.
  - i, Horror
  - ii, Humour
  - iii, Moral.
2. Prepare profiles of the following poets within 250 words including their pictures.
  - i, Shirley Toulson
  - ii, Ted Hughes
  - iii, Walt Whitman
  - iv, Markus Natten
  - v, Elizabeth Jennings.

I. P. - TEACHER'S NAME - Mr. Umesh Sharma  
PHONE NUMBER - 9837370942

1. Convert  $(69)_{10}$ ,  $(250)_{10}$  into binary.
2. Convert  $(01011100)_2$ ,  $(10101010)_2$  into decimal.
3. Convert  $(57)_8$  and  $(146)_8$  into binary.
4. Convert  $(001001110)_2$ ,  $(110100101)_2$  into octal.
5. Convert  $(761)_{10}$ ,  $(420)_{10}$  into hexadecimal.

6. Convert  $(A23C)_{16}$ ,  $(21AF)_{16}$  into decimal and binary.
7. Convert  $(101101101100)_2$  into hexadecimal.
8. Write your first name into binary.
9. Differentiate between binary, octal and hexadecimal number system.
10. Write a note on programming language 'Python' (their uses, applications and features).

Physics - TEACHER'S NAME - Mr. Amit Negi  
PHONE NUMBER - 8057419330

1. Give contribution of the following physicists in brief -
 

(i) Archimedes	(ii) Michael Faraday	(iii) Ernest Rutherford
(iv) Galileo Galilei	(v) Isaac Newton	(vi) C.V. Raman
(vii) J.J. Thomson	(viii) Albert Einstein	(ix) Niels Bohr
(x) Homi Jehangir Bhabha		

P.H.E. - TEACHER'S NAME - Mr. Dharamraj Bisht  
PHONE NUMBER - 9756605215

1. Make assignment of cricket world cup.

Biology - TEACHER'S NAME - Miss. Richa Rawat.  
PHONE NUMBER - 8938863976

1. Find at least five types of algae and bryophyte around you. Write their scientific name, structure, habitats and mode of reproduction.

Class Teachers

SH1

SH2

Principal