

Assignment topics for class 12 (Science)

Subject	Topics	Instructions
English I	<ol style="list-style-type: none"> 1. Write a composition in any one of the following (10) <ol style="list-style-type: none"> a) Solitude b) Recently you travelled to a place you found peaceful and rewarding. Describe the place the weather, the people and the local activities that make the destination particularly attractive. 2. As a member of the student council of your school write a proposal in not more than 150 words to the school cultural secretary to organize fair and exhibition in school (10) 	Write in a correct format in your words.
English II	<p>Tempest (10)</p> <ol style="list-style-type: none"> 1. State why the play is called The Tempest and not the Enchanted Island or the Magician 2. How is the theme of power and pursuit of power shown in the Tempest <p>Reverie(10)</p> <ol style="list-style-type: none"> 1. Sarojini Naidu's " The gift of India" can be read as an anti-war poem. Do you agree? Why? 	Refer to your work books and internet.(Proper introduction and conclusion is a must and key points, quotes are to be highlighted)

<p>Chemistry</p>	<p>Topics are given Roll no wise:</p> <ol style="list-style-type: none"> 1. Types of dyes, method of their preparation, characteristics and uses. 2. Chemical process in Forensic science. 3. Chemicals in medicines like Antiseptics, Antibiotics, Antacids etc and their uses. 4. Natural and Synthetic polymers 5. Carbohydrates and their metabolism. 6. Ancient medicines in Ayrveda, Their Sources, Characteristics and uses. 	
<p>Physics</p>	<p>RESEARCH FOR WORKING MODEL FOR SCIENCE FAIR : Find out an appropriate topic for your science model with the help of internet or books. Write its theory, working, parts to be used and detailed diagram in the following format</p> <ul style="list-style-type: none"> • Name of the topic • Theory or Principle on the basis of which it is working • Parts required • Diagram • Working of the model <p>While choosing the topic make sure that it is not expensive to make, parts are readily available</p>	<ol style="list-style-type: none"> 1. Find it from science magazine and internets 2. STUDENTS ARE REQUIRED ONLY TO SUBMIT WHAT THEY WANT TO MAKE IN WRITING IN PAPER. 3. THE MODEL HAS TO BE MADE ONLY AFTER THE REGULAR CLASSES STARTS. <p><u>NEVER LEAVE YOUR HOUSE FOR THIS PURPOSE</u></p>

<p>Biology</p>	<ol style="list-style-type: none"> 1. Project related to any aspect of Environment like water/air/sound/soil pollution 2. Diabetes 3. Endocrine disorder 4. Yeast fermentation and production of alcohol or any other commercial industry dependent of plants animals or their products. 5. How to culture Earthworms, Protozoans, Moulds, Setting up of an aquarium. Each has to do one don't choose similar topic. 	<p>Text book of Biology class 12 internet and Science magazines.</p>
<p>Computer</p>	<ol style="list-style-type: none"> 1. a) Define Karnaugh map. Give the Boolean function $F(A,B,C,D) = \pi(0,1,2,3,5,7,8,9,10,11)$. Reduce the above expression by using 4 variable Karnaugh map, showing the various groups (i.e octals ,quads and pairs) Draw the logic gate diagram for the reduced POS expression. Assume that the variables and the complements are available as inputs. 2. a) What is encoder? Draw the truth table and the logic diagram for decimal and binary encoder. b) Define multiplexer. State two uses, draw a logic gate diagram for a 4 x 1 multiplexer. 	<p>Class 12 computer science book, they can find the topic in computer science practical work book or on internet.</p>