

**Brahmananda Public School**  
**Holiday Homework – Session 2020-21**  
**Class XII-B (Science)**

<b><u>English</u></b>	<ol style="list-style-type: none"> <li>1. Complete the Question and Answers, difficult words of all the chapters done. (Do on sheets if you don't have a notebook so that you can paste the sheets when you get notebooks).</li> <li>2. Every day you are recommended to listen to English news which will help you in improving pronunciation and language. More so, listen to news reports.</li> <li>3. Paste samples on sheets of Report Writing (4), Posters (4), Advertisements – Situation Vacant, Sale / Purchase, Lost / Found (2 each).</li> <li>4. The Citizenship Amendment Act passed by the Parliament has aroused fear and doubt among Indian Citizens. Write a Debate (both in favour and against) The CAA and its implications. (in about 150 – 180 words).</li> <li>5. Read the book –“The Book Thief” by Markus Zusak and write its review.</li> <li>6. Watch a movie –“Life of Pi” OR “Day after tomorrow” and give your inputs on – What you liked/ not liked, about the movie and why.</li> </ol>
<b><u>Physics</u></b>	<ol style="list-style-type: none"> <li>1. Make a separate copy and solve 5 numerical from each of Chapter 1 &amp; 2 of Physics (NCERT).</li> <li>2. Revise the Chapters 1 &amp; 2 and complete the Notebook.</li> </ol>
<b><u>Chemistry</u></b>	<ol style="list-style-type: none"> <li>1. Read Ch- 12 Aldehydes, ketones and carboxylic acids and Ch – 13 Amines from NCERT (Links for downloading the chapters have been provided below). Make short notes just like you have done for Ch 10 and 11, in your notebook. Write all reactions with appropriate headings.  <a href="http://www.ncert.nic.in/ncerts/l/lech203.pdf">http://www.ncert.nic.in/ncerts/l/lech203.pdf</a>  <a href="http://www.ncert.nic.in/ncerts/l/lech204.pdf">http://www.ncert.nic.in/ncerts/l/lech204.pdf</a></li> <li>2. Learn all the reactions of Ch 10, 11, 12 and 13 and practice all the mechanisms.</li> <li>3. Make a separate list of all the name reactions at the end of your notebook.</li> <li>4. Practice conversions.</li> <li>5. Revise all the chapters done till now.</li> </ol>
<b><u>Maths</u></b>	<ol style="list-style-type: none"> <li>1. Revise chapter 3 and 4 of NCERT.</li> <li>2. Do all the MCQ, True false and fill in the blanks from NCERT Exemplar book.</li> </ol>
<b><u>Biology</u></b>	<ul style="list-style-type: none"> <li>• Do Revision of Chapters – 1, 2, 3 &amp; 4</li> <li>• Make a Project on any one of the following topics:            Ebola Virus            Spanish Flu 1918            Corona Virus            SARS</li> </ul> <ol style="list-style-type: none"> <li>1. Differentiate between:           <ol style="list-style-type: none"> <li>a) Oestrus and Menstrual cycles.</li> <li>b) Ovipary and Vivipary. Cite an example for each type.</li> </ol> </li> <li>2. With a neat labelled diagram, describe the parts of a mature angiosperm embryo sac. Mention the role of synergids.</li> <li>3. Starting with the zygote, draw the diagrams of the different stages of embryo development in a dicot.</li> <li>4. Draw a neat diagram of the female reproductive system and label the parts associated with the following:           <ol style="list-style-type: none"> <li>a) Production of gamete.</li> <li>b) Site of fertilization.</li> <li>c) Site of implantation.</li> <li>d) Birth canal.</li> </ol> </li> </ol>

	5. Meiotic division during oogenesis is different from that in spermatogenesis. Explain how and why?
<b><u>Music</u></b>	<ol style="list-style-type: none"><li>1. आप के पाठ्यक्रम में दिए गए समस्त निबंध को ध्यान से पाठ कीजिए एवं उसके प्रश्न उत्तर को बारं बार लिखे और अभ्यास करें।</li><li>2. कोई दो भजन को अच्छे से सुनिए, उस के ताल और राग के विषय मे जानिए एवं उसको अभ्यास कीजिए।</li><li>3. संगीत जगत में बहत सारे वाद्ययंत्र का निर्माण हुआ है। तानपुरा, हारमोनियम एवं तबला को छोड़कर कोई एक वाद्ययंत्र के विषय मे उसके चित्र के साथ विस्तृत वर्णन कीजिए।</li></ol>

***Follow all the Do's and Don'ts for the prevention of Covid 19. Stay at home, stay safe.***