

**BHAVAN'S R.K.SARDA VIDYA MANDIR**  
**HOME ASSIGNMENT FOR SUMMER VACATION**  
**Session 2017-18**  
**Class – X**

Summer assignments will be part of subject enrichment activity and marks will be added under internal assessment of board Examination.

<b>Sl.No</b>	<b>Subject</b>	<b>Home Assignment</b>	<b>Particulars</b>															
<b>1</b>	<b>English</b>	Regenerate a story from ‘The Arabian Nights’ in the form of a Power Point (Limited to 12 slides). The Last slide should contain a brief summary of the story. The slides should comprise of – Introduction, About the Author, The Story, Character Sketches, Critical Analysis, Appreciation etc.	<b>CD only</b>															
<b>2</b>	<b>Hindi</b>	चिकित्सा एवं शिक्षा के व्यवसायीकरण पर विस्तृत विवरण दें। ( 250 से 300 शब्दों में)	<b>Use A-4 size paper only</b>															
<b>3</b>	<b>Maths</b>	<p>➤ <b>Name of the activity - EXPLORING Fibonacci Numbers</b></p> <p>➤ <b>Description of the activity –</b></p> <p>(a) Fibonacci numbers are a sequence i.e. 1, 1, 2, 3, 5, 8, 13, 21, 34..... The 1<sup>st</sup> number of the sequence is 1, the 2<sup>nd</sup> number is 1, and next term is equal to the sum of the previous two numbers of the sequence itself.</p> <p>(b) Write the next 20 terms of the sequence generated by it.</p> <p>(c) History of the mathematician who gave this concept</p> <p>(d) Explore in nature the things that correspond to Fibonacci numbers with pictures. For examples: - When counting the number of petals of a flower, it is most probable that they will correspond to one of the Fibonacci Numbers. It is seen that:</p> <p>(i) White calla lily has one petal.</p> <p>(ii) Euphorbia have two petals.</p> <p>(iii) Trillium have three petals.</p> <p>Explore more such examples with pictures from internet. (Give at least 5 examples).</p> <p>• <b>Problems from R.S. Aggarwal</b></p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 25%;">Pg No -86</td> <td style="width: 15%;">Ex -3A</td> <td>Question No - 14, 15, 16, 17, 18, 19, 20, 21, 22, and 23.</td> </tr> <tr> <td>Pg No102</td> <td>Ex - 3B</td> <td>Question No – 15 to 28 and 33, 34, 36, 37, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50.</td> </tr> <tr> <td>Pg No109</td> <td>Ex - 3C</td> <td>Question No – 1 to 10</td> </tr> <tr> <td>Pg No118</td> <td>Ex -3D</td> <td>Question No – 1,3,5,7,9,11,15,18,19,22,23,25,26,27.</td> </tr> <tr> <td>Pg No -139</td> <td>Ex - 3E</td> <td>Question NO – 1,3,7,11,12,16,20,21,25,26,27,28,31,37,38,39,41,43,44,45, 46,47, and 48.</td> </tr> </table>	Pg No -86	Ex -3A	Question No - 14, 15, 16, 17, 18, 19, 20, 21, 22, and 23.	Pg No102	Ex - 3B	Question No – 15 to 28 and 33, 34, 36, 37, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50.	Pg No109	Ex - 3C	Question No – 1 to 10	Pg No118	Ex -3D	Question No – 1,3,5,7,9,11,15,18,19,22,23,25,26,27.	Pg No -139	Ex - 3E	Question NO – 1,3,7,11,12,16,20,21,25,26,27,28,31,37,38,39,41,43,44,45, 46,47, and 48.	<p><b>Use A-4 size paper only</b></p> <p><b>Notebook</b></p>
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<b>4</b>	<b>Science</b>	<p>Develop your own content (Wikipedia) for the following topics-</p> <ul style="list-style-type: none"> <li>• Electricity</li> <li>• Chemical reactions and equation</li> <li>• Life processes.</li> </ul>	<b>Use A-4 Size Paper (Use separate paper for physics, chemistry and Bio)</b>															

5	<b>Social Science</b>	<u>Project on Digital India Campaign</u> 1. Impact of digitalization on Urban & Rural India. 2. Budding entrepreneur's contribution to digital India. 3. Digitalization has raised issues about privacy & data protection, which is a huge concern- Give your opinion on it.	A4 size paper
6	<b>Sanskrit</b>	एक परस्मैपदी धातु और एक आत्मनेपदी धातु के पाँचों लकारों में रूप लिखते हुए सन्धि का वर्णन कीजिए।	A4 size paper

**Note:-**Vacation assignment is a part of subject enrichment activity and comprises of 20marks.It should be prepared by the student under parental guidance in the student's handwriting.Any assignment prepared by Parents will not be accepted and marks will not be awarded. Vacation assignment must be submitted to the respective subject teachers. Every Assignment should bear the name and class of the student. The last date for submitting the assignment is 02-06-2017.....

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