

BHAVAN'S R.K.SARDA VIDYA MANDIR
HOME ASSIGNMENT FOR SUMMER VACATION

Session 2017-18

Class - IX

Sl. No	Subject	Home Assignment	Particulars																											
1	English	Regenerate a story from 'The Panchatantra' in the form of a Power Point (Limited to 10 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.	CD only																											
2	Hindi	मनुष्य एवं प्रकृति एक दूसरे के पूरक हैं कैसे ? पशु-पक्षी प्रकृति के अभिन्न अंग हैं, इनके विलुप्तिकरण से प्रकृति पर क्या प्रभाव पड़ा है ? (शब्द सीमा 200 से 250)	Use A-4 size paper only																											
3	Maths	<ul style="list-style-type: none"> ➤ Name of the activity– EXPLORING PASCAL TRIANGLE ➤ Description of the activity – <ul style="list-style-type: none"> (a) Definition (b) History of the mathematician who gave this concept (c) How to construct it. (d) Structure of Pascal's Triangle (up to 10 rows) (e) Mention about the properties - <ul style="list-style-type: none"> (i) The sum of the numbers in any row is 2^n, where n is the number of rows (ii) Properties related to prime number (iii) Fibonacci sequence located through Pascal's Triangle ➤ Problems from R S Aggarwal <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <tbody> <tr> <td style="width: 25%;">Pg No 9</td> <td style="width: 25%;">Ex 1A</td> <td>Q No - 1, 2 (iii), (iv), (vii) , 3 (i), (v), (vi), 5</td> </tr> <tr> <td>Pg No 15</td> <td>Ex 1 B</td> <td>Q No - 3 (i) to (viii) ,</td> </tr> <tr> <td>Pg No 20</td> <td>Ex 1 C</td> <td>Q No - 1, 2 (iv), (v), (vi), (vii), (viii), 5(i), (iv), (vi),</td> </tr> <tr> <td>Pg No 26</td> <td>Ex 1D</td> <td>Q No - 2 (ii), (v), (vi), 3 (iii) , 4 (ii), (v) and (vi), 5, 6</td> </tr> <tr> <td>Pg No 30</td> <td>Ex 1E</td> <td>Q NO - 5, 8, 9, 10, 13, 15, 17, 18</td> </tr> <tr> <td>Pg No 32</td> <td>Ex 1F</td> <td>Q No - 1 (ii) and (iii), 3 (i), (ii) 4, (i) and (iii)</td> </tr> <tr> <td>Pg No 35</td> <td>MCQ</td> <td>Q No - 16, 18, 19, 21, 24, 25, 26,</td> </tr> <tr> <td>Pg No 38</td> <td>-----</td> <td>Q No - 45,46, 48, 49, 50</td> </tr> <tr> <td>Pg No 39</td> <td>-----</td> <td>Q No - 51, 52, 53, 54 and 55</td> </tr> </tbody> </table>	Pg No 9	Ex 1A	Q No - 1, 2 (iii), (iv), (vii) , 3 (i), (v), (vi), 5	Pg No 15	Ex 1 B	Q No - 3 (i) to (viii) ,	Pg No 20	Ex 1 C	Q No - 1, 2 (iv), (v), (vi), (vii), (viii), 5(i), (iv), (vi),	Pg No 26	Ex 1D	Q No - 2 (ii), (v), (vi), 3 (iii) , 4 (ii), (v) and (vi), 5, 6	Pg No 30	Ex 1E	Q NO - 5, 8, 9, 10, 13, 15, 17, 18	Pg No 32	Ex 1F	Q No - 1 (ii) and (iii), 3 (i), (ii) 4, (i) and (iii)	Pg No 35	MCQ	Q No - 16, 18, 19, 21, 24, 25, 26,	Pg No 38	-----	Q No - 45,46, 48, 49, 50	Pg No 39	-----	Q No - 51, 52, 53, 54 and 55	Use A-4 size paper only Notebook
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4	Science	<p>What are BS3 and BS4 engines? Write the difference between these two. How does BS4 engine work? What is "commercial vehicle technologies for BS 4 emissions compliance".</p>	Use A-4 Size Paper																											
5	Social Science	<p>Name of the project: Banking Activity (<i>Research based project</i>) The student will be asked visit any bank & find out the following details from the bank manager :</p> <ul style="list-style-type: none"> a) Types of accounts and its features. b) Deposit and withdrawal process 	Use A-4 Size Paper																											

		<p><i>Note: student needs to attach the deposit and withdrawal slip as evidence.</i></p> <p>c) Forms of plastic money d) Importance of traveller's cheque e) How are banks helpful for higher education? f) Online banking options g) Define - RTGS, NEFT, IMPS h) Significance of linking PAN with your account.</p>	
6	Sanskrit	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 20 marks. 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.