

BHAVAN'S R.K.SARDA VIDYA MANDIR
Summer Vacation Assignment Session: 2025-26
Class: XI –A (Science)

General information for students:

1. Vacation assignment will constitute Project work for scholastic subjects. It should be prepared by the student under parental guidance in the student's handwriting. Any assignment prepared by parents will not be awarded marks.
2. The front page of every assignment should have the Name, Class, Section, and Subject.
3. Use only A-4 size paper for writing assignments. All sheets of an assignment should be stapled together.
4. The last date for submitting the assignment is 5th July 2025.

S. No	Subject	Assignment	Particulars
1	English	https://drive.google.com/file/d/1i_Hm2dPsCwFeoOVR50PMxLUoSXxaW6lm/view?usp=sharing	A 4 Size paper
2	Hindi	<p>➤ दिए गए विषयों में से किसी एक विषय पर पर्याप्त जानकारी एकत्रित करते हुए लगभग 400 शब्दों में परियोजना कार्य तैयार कीजिए।</p> <ol style="list-style-type: none"> 1. प्रेमचंद का भाषा सौंदर्य 2. संत कबीर के काव्य की विशेषताएँ 3. महाकवि सूरदास के काव्य में बाल मनोविज्ञान <p>नोट – अभिस्वीकृति एवं प्रमाण पत्र संलग्न करना अनिवार्य है।</p>	A 4 Size paper
3	Sanskrit	विस्तारपूर्वक संस्कृत साहित्य के विकास एवं इतिहास का वर्णन कीजिए।	A-4 size paper
4	Mathematics	<ol style="list-style-type: none"> 1. Practice Questions: Please use the following link to find the Assignment Questions https://drive.google.com/file/d/1tkUmC_JU4YrCICwZ0q3uY0lO0DXjcegQ/view?usp=drive_link 2. Project Work; Please use the following link to find the Project Work https://drive.google.com/file/d/13HXUQtEbDYFk5Dp1EG647do8CaDoMiaz/view?usp=sharing 	<ol style="list-style-type: none"> 1. For Practice Questions: Use Notebook 2. For Project Work: Use A 4 Size Paper
5	Physics	<ol style="list-style-type: none"> 1) Prepare the first draft of Investigatory Project in any one topic of your choice for Annual practical examination. List of Investigatory can be found in the link given below- https://drive.google.com/file/d/1LBwl_yasGTXScIvYEFQ1mnY6MOD3y-f/view?usp=sharing 2) Solve the worksheet from the link given below- https://drive.google.com/file/d/1zw40isd53b3bQzzoWVI_gYpW7qhF45Qa/view?usp=sharing 	Note- Solve the worksheet in a thin 100 pages copy.
6	Chemistry	<p>Theory Assignment: Choose one of the following topics and prepare a detailed handwritten report on the topics given through the Google link: https://drive.google.com/file/d/12uqbyw19M1d0u7KqXw-JcFebAaP14Jp2/view?usp=sharing</p> <p>Submission Guidelines:</p> <ul style="list-style-type: none"> • Ensure your work is original and not copied from peers or online sources. Plagiarism will lead to disqualification. 	<p>Guidelines for Theory Assignment:</p> <ul style="list-style-type: none"> • Include an introduction, procedure, observations, and conclusions. • Support your report with diagrams,

			<p>chemical equations, and relevant theory.</p> <ul style="list-style-type: none"> Cite references used (e.g., NCERT textbook, online resources).
7	Biology	<p>Answer the following questions with labelled diagram where ever necessary.</p> <p>Q.1 Draw the life cycle of two member each from:</p> <ol style="list-style-type: none"> Chlorophyceae Phaeophyceae Rhodophyceae and Classify the members. <p>Q.2 Draw the life cycle two member each from:</p> <ol style="list-style-type: none"> Liver wort Moss and Classify the members. <p>Q.3 Write short notes on the type of pigments in plants.</p> <p>Q.4. Write a note on the shape of chloroplast in green algae.</p> <p>Q.5. Define the terms:</p> <ol style="list-style-type: none"> Zoospore Aplanospore Holdfast Fronde Thallamus Gemma Sporophyte Gametophyte Antheridium Archegonium 	<ul style="list-style-type: none"> Use A4 size paper Use pencil to draw the diagrams <p>The Answers should be in student's handwriting</p>
8	Economics	<p>Aim: Revision of statistics taught from classes VI to X.</p> <p><u>Students will solve at least two questions per topic from the following topics (use graph sheets):</u></p> <ol style="list-style-type: none"> Simple Bar Diagram Multiple Bar diagram Pie diagram (percent value to degree) Pie diagram (Value to degree) Histogram Frequency polygon with histogram Frequency polygon without histogram Less than Ogive More than ogive <p><u>Solve at least three questions per topic from the following topics:</u></p> <ol style="list-style-type: none"> Calculation Arithmetic mean in Individual series by direct Method, Assumed Mean Method and Step deviation Method Calculation Arithmetic mean in discrete series by direct Method, Assumed Mean Method and Step deviation Method Calculation Arithmetic mean in Continuous series by direct Method, Assumed Mean Method and Step deviation Method Calculation of missing frequency in discrete and continuous series when arithmetic mean is given. Calculation Median individual series. Calculation Median discrete series. Calculation Median continuous series. Calculation Mode individual series. Calculation Mode discrete series. Calculation Mode continuous series. Calculation of square roots of decimal numbers 	<ul style="list-style-type: none"> To be done in 100 pages (approx.) register Use Blue pen only Rough work must be done on the same page right hand side(draw margin). Notebook must be covered and labelled Doubts in the concepts and calculation must be properly marked. The questions must be of V.K Publications. <p>No need to write the questions, Mention the edition year of the book on the top once and page number and question number clearly for every question.</p>

9	Computer Science	<ol style="list-style-type: none"> 1. Check the RAM and Memory/SSD/HDD size of all laptops, Desktops and mobiles in your home. Write their sizes in Bytes, KB, MB and GB 2. List all the secondary storage devices available at your home. 3. Write in brief about OCR, OMR, MICR, Light Pen and Graphic Tablets. 4. Convert as asked:- <ol style="list-style-type: none"> (a) $(514)_8 = (\quad)_{10}$ (b) $(220)_8 = (\quad)_2$ (c) $(76F)_{16} = (\quad)_{10}$ (d) $(4D9)_{16} = (\quad)_{10}$ (e) $(1001010)_2 = (\quad)_{10}$ 5. Draw a flow chart to prepare a cup of tea and also write an algorithm for the same. 6. Draw a flow chart to check whether a person is eligible to vote or not. Also write an algorithm and python program for the same 	Use Notebook
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