



SHIVAJI INTER COLLEGE

KESHAV NAGAR, KANPUR



SUMMER HOLIDAY HOME WORK

NAME:.....

CLASS:.....

ROLL NO.....



SHIVAJI GROUP OF INSTITUTIONS

SUMMER VACATION WORK (2025-26)

CLASS- 10 E

Subject	Holiday Work
Math	<ol style="list-style-type: none"> Taking two papers of size 28x42 cm each and folding them respectively length wise width wise to form two different cylinders . To find whose value and curved surface are more. Find quadratic formula by the method of completing the square . (On chart paper)
English	<ol style="list-style-type: none"> Make a chart of Tenses with rules and examples. Make a chart of parts of speech and give it details . Write the short composition on following topics . <ol style="list-style-type: none"> Life in a small village . Conservation of water .
Hindi	<p>परियोजना कार्य :-</p> <ol style="list-style-type: none"> आर्ट पेपर पर डॉ राजेंद्र प्रसाद के छत्र सहित मुख्य बिंदु लिखें (छात्र अनु० 1 से 28 तक) रीतिकाल का चार्ट आर्ट पेपर पर बनाएँ (छात्र अनु० 29 से 56 तक) <p>सभी छात्रों के लिए</p> <ol style="list-style-type: none"> पत्र लेखन – सड़क कि समस्या के सम्बन्ध में नगर पालिका के अधिकारी को पत्र लिखे निबंध – विज्ञान वरदान या अभिशाप लिखें प्रतिदिन एक पेज सुलेख लिखें
SST	<p>Ques- No. 1</p> <ul style="list-style-type: none"> ➤ Compare India's economics development with other countries highlighting its strengths and weakness. (Roll No. 1 To Roll No. 28) <p>Ques- No. 2</p> <ul style="list-style-type: none"> ➤ Sustainable Development <ol style="list-style-type: none"> Meaning of Sustainable Development Issue of Sustainable Development Importance of Sustainable Development Meetings / Reports / Summit related to Sustainable Development . Current Status of development . (Roll No. 29 To 56) <p>Ques- No. 3 Students can make a poster of any one topic –</p> <ol style="list-style-type: none"> Water pollution (Roll No. 1 To 28) Deforestation and Green House Effects. (Roll No. 29 To Roll No. 56) <p>Instructions :- Ques No. 1 and 2 has to be done in comment sheets.</p> <ul style="list-style-type: none"> ➤ List of contents with page number –approx.....15 pages. ➤ Ques no.-3 has done in art sheet with coloured sketch pen and related pictures . ➤ The perform should be attached on the first page of the project – <p>Student's Name- Roll no.- Class- Topic- Signature-</p>
Biology	<p>Make a neat , labelled and colorful poster (Chart) on the topic given below OR Make a project file on the topic given below .</p> <ul style="list-style-type: none"> • Roll No. 1 To 15 – Human Digestive System . • Roll No. 16 To 30 Digestive Enzymes Secretion and function . • Roll No. 31 To 45 Autotrophic and Heterotrophic Nutrition . • Roll No. 46 To 60 Photosynthesis.
Chemistry	<p>Make an assignment on following topic in A4 sheet-</p> <p>Roll No. 01 to 15- Make a PH chart of following with colour and nature-</p> <p>a) Tomato juice b) Lime water c) Lemon juice d) Distill water e) Tap water</p> <p>Roll No. 16 to 30- Give a test to detect Carbon di oxide according to your experiment.</p> <p>Roll No. 31 to 45- Make a chart with picture on flame test of following ions- Na⁺, K⁺, Cu⁺⁺, Ca⁺⁺</p> <p>Roll No. 46 to 60-</p> <p>Make a project on combination reaction, and displacement reaction .</p>
Physics	<ol style="list-style-type: none"> Reflection and refraction of light = Use diagrams to explain laws and real life applications (Mirror and lenses) Roll No. 01 to 10 Human eye and defects of reason = study structure, working and correction of myopia and hypermetropia Roll No. 11 to 20 Working of electric motor and generator Roll No. 21 to 30 lenses and image formation = Explain how convex and concave lenses form images with ray diagrams. Roll No. 31 to 40 work power and energy in real life = Define formulas and examples. Roll No. 41 to 50
Computer	<p>Define any five Library methods with its example.</p> <p>(किन्ही पांच लाइब्रेरी फंक्सन को उसके उदाहरण सहित बताइए)</p> <ul style="list-style-type: none"> ➤ Write a program to calculate factorial using Recursion <p>(C भाषा में फैक्टोरियल ज्ञात करने के लिए रिकर्सन प्रयोग करते हुए प्रोग्राम बनाइए)</p> <ul style="list-style-type: none"> ➤ Define controle statement with its types and an example

	(कंट्रोल स्टेटमेंट का वर्णन उसके सभी प्रकारों सहित संक्षेप में कीजिये)
Art	<p>NOTE - Attempt all the question –</p> <ol style="list-style-type: none"> 1. Draw the original ornamental design in a rectangle of 16X12 cm. on your drawing sheet . Make an ornamental design in it for the center of the floor .which is based on Sunflower , its bud , leaves and a fish ,Design should be painted in any three water colours. Technical Art- 2. Prepare a geometrical design based on lines , semi-circles and arcs in a square of 8.cm side. 3. Construct a regular hexagon of side 3.1 cm. Prepare a geometrical design based on other regular hexagon inside it . 4. Memory- <ol style="list-style-type: none"> I. Open umbrella II. A pen kept on a book III. Mug and a bucket IV. Table lamp V. Box and book put on it.