



# SHIVAJI INTER COLLEGE

KESHAV NAGAR, KANPUR



## SUMMER HOLIDAY HOME WORK

NAME:.....

CLASS:.....

ROLL NO.....

**SHIVAJI GROUP OF INSTITUTIONS****SUMMER VACATION WORK (2025-26)****CLASS- 9 E**

<b>Subject</b>	<b>Holiday Work</b>
<b>Math</b>	Total Surface Area , Curved Surface Area , Volume of Cone , Cube , Cuboid with coloured figure on Chart Paper .
<b>English</b>	1. Make a chart of Tenses with rules and examples. 2. Make a chart of Parts of Speech and give it details also .
<b>Hindi</b>	परियोजना कार्य :- I. आर्ट पेपर पर महादेवी वर्मा के चित्र सहित मुख्य बिंदु लिखें   ( छात्र अनु० १ से २५ ) II. दिवेदी युग का चार्ट आर्ट पेपर पर बनायें (छात्र अनु० २६ से ४९ ) सभी छात्रों के लिए :- I. पत्र लेखन – गर्मी कि छुट्टियों में मित्र को अपने घर बुलाने के लिए पत्र लिखे   II. एक पेज सुलेख प्रतिदिन लिखे
<b>SST</b>	I. On the outline map of India , locate and label the following feature . ( Roll No. 1 To 16 ) a) Capital of Bihar b) State has the longest coastline c) The East and West extent of India d) The North-South extent of India II. Draw longitudinal and latitudinal position of your state. Write answer and show on India map.( Roll No. 17 To 32 ) III. Identify the symbols and draw on your answer which stands for liberty ,equality and fraternity . ( Book page no. 08) ( Roll No. 33 To 52 )
<b>Biology</b>	Make a neat , labelled and colorful poster ( chart ) on the topic given below <b>OR</b> Make a project file on the topic given below . Roll No. 1 to 15- Plant Cell and Animal Cell . Roll No. 16 to 30- Cell Organelles Structure and functions. Roll No. 31 to 45- Prokaryotic Cell and Eukaryotic. Roll No. 46 to 60- Cell Structure and function.
<b>Chemistry</b>	1.To check the purity of milk by lactometer ( Roll No. 1 To 15 ) 2. To separate solute and solvent from the following . ( Roll No. 16 To 30 ) a) Milk b) Mojito c) Hot coffee d) Sanitizer 3. Write down colloidal solution in common house hold items in tabular form according to colour state and nature . ( Roll No. 31 To 45 ) 4. To check the purity of kitchen ingredient . ( Roll No. 46 To 60 )
<b>Physics</b>	1- Laws of motion in daily life (Roll no.1 to 10) 2- Show examples of newton's three laws using real situations . ( Roll No. 11 To . 20 ) 3- Write about the scientist 'Newton' Paste their picture and tell about his work and discovery. ( Roll No. 21 To 35 ) 4- measurement of mass, length and time tools use in daily life. ( Roll No. 36 To 45 ) 5- friction – Its advantages and disadvantages study how friction helps in walking and causes wear and tear . ( Roll No. 46 To 60 )
<b>Computer</b>	<b>Project Work:</b> Paste the following coloured picture in chart paper and also explain in short : निम्नलिखित तत्वों के चित्रों (रंगीन) को एक चार्ट में चिपकाएँ और उनके बारे में संक्षेप में लिखिए : ➤ Input Device ( Keyboard, Mouse, Joystick, Lightpen, Scanner ) ➤ Output Device ( Monitor, Printer, Plotter, Projector, Speaker ) ➤ Draw the block diagram of computer and explain it with its components. ( कंप्यूटर का ब्लॉक चित्र बनाकर उसके सभी अवयवों का वर्णन संक्षेप में कीजिये )
<b>Art</b>	Design- Paint a unitary alpana design in a circle of diameter 20 cm. which should be appropriate for festival. Design must be based on Lotus flower , leaves and buds and a fish. Design should be painted in any three water colours . <b>Letter Writing –</b> Write the following words in English letters of 9/4 cm. height. KANPUR ARTIST .