

D.A.V. Public School Kota

HOLIDAY HOMEWORK

Standard - 10th (For all sections)

Session 2020-2021

SUBJECT	ROLL No.	TOPICS
<u>HINDI</u>	1 - 7	राष्ट्र कवि मैथिलीशरण गुप्त के व्यक्तित्व और कृतित्व को आधार बनाकर उन पर एक लघु शोध फाइल तैयार कीजिए जिनमें उनके बारे में विस्तृत जानकारी के साथ उनके द्वारा रचित कुछ चुनिंदा रचनाओं का भी समावेश हो।
	8 - 14	वृद्ध आश्रम हमारी सामाजिक व्यवस्था पर एक प्रश्न चिन्ह है घर में बुजुर्गों की उपयोगिता महत्व और उनकी देखरेख के बारे में अपने विचार हरिहर काका पाठ को पढ़कर लिखिए।
	15 - 21	कबीर एक उच्च कोटि के समाज सुधारक थे उन्होंने सभी धर्मों के बाह्य आडंबर और कुरीतियों को अपनी तीखी वाणी का निशाना बनाया है कबीर की कुछ चुनिंदा रचनाओं के आधार पर इस मंतव्य को स्पष्ट कीजिए.
	22 - 28	मीरा के अतिरिक्त अन्य कृष्ण भक्त कवियों की सूची बनाइये तथा उनके विषय में जानकारी प्राप्त कर चार्ट बनाइये
	29 - 35	खड़ी बोली हिंदी तथा ब्रज भाषा के कवियों को अलग - अलग सूचियों में विभाजित कीजिए .
	36 - 42	निम्नलिखित विषयो पर विज्ञापन तैयार कीजिए (अ) 'घर में रहो , सुरक्षित रहो: कोविड 19' (ब) 'भारतीय बैंकिंग : हमारी अर्थ सेना।
	43 - Last Roll No.	कोरोना एक वैश्विक महामारी है इससे बचाव के उपाय को समझाते हुए एक कॉमिक्स की तरह कहानी के रूप में संवाद को लिखिए.

<u>ENGLISH</u>	1 - 7	<p>Complete the following story and also draw or paste a picture related to the story. Word limit-200 words.</p> <p>A 15 years old boy was going on a deserted road feeling a little scared and uneasy. Hesitatingly, he stepped ahead. Suddenly.....</p>
	8 -14	<p>Design a book. Write any inspirational story in it. Write the meaning of the difficult words after the story and also write minimum 4 questions related to the story. Mention the following details in it.</p> <p>1. Title Page 2. Copyright Page: 3. Dedication 4. Acknowledgments 5. Table of Contents 6. Foreword: 7. Preface or Introduction: 8. Glossary: 9. Bibliography: 10. Index</p>
	15 - 21	<p>Make a scrapbook of minimum five pages. Showcase your creativity in making it with the things available at home. Write your experience of how you spent your Lockdown days. You can mention the following points in it.</p> <p>A) What were the things which made you happy during that period? B) What new thing you learnt in that time? C) What were the advantages of lockdown? D) Which thing disturbed you the most in the lockdown period? E) Which hobby did you pursue in your free time? * You can also add points apart from these.</p>
	22 - 28	Prepare a newspaper giving all important events. Make it very attractive using items available at your home.
	29 - 35	Write your experience of the online classes conducted by your school. Also, mention some advantages and disadvantages of using digital platforms for regular studies.
	36 - 42	Read a book of your choice and prepare its review. Write about its author also.
	43 - Last Roll No	Who is your favourite poet? Give his/ her biography in a very informative way.
<u>MATHS</u>	1 – 7 (To be done individually)	Collect the data of the exponential growth of COVID-19 (Cases of COVID-19 arising day-wise) for 15 days, from 1 st June to 15 th June in India and

		illustrate it through graph representing both in tabular form and graphical form.
	8 -14 (To be done individually)	Make a mind map on Volumes and Surface Areas of solids.
	15 – 21 (To be done individually)	Make crossword puzzle related to any topic in Mathematics using mathematical terms.
	22 – 28 (To be done individually)	Write briefly about the famous art forms of Assam. Make any one art piece using geometrical shapes which can be used in any handloom or craft item.
	29 – 35 (To be done individually)	Prepare factor trees for any five (4 digit numbers) based on fundamental theorem of arithmetic.
	36 – 42 (To be done individually)	Using Tangram pieces make any one figure and find its area.
	43 – 48 (To be done individually)	Study the work of any one Indian Mathematician and write it down (eg. – Aryabhata, Shakuntala Devi, Srinivasa Ramanujan or any other).
	1-48 (For all students)	<p>** The following activities have to be done individually in Lab Manual by each student.</p> <ol style="list-style-type: none"> 1. Pair of Linear Equations in two variables (Draw 3 graphs based on the three conditions of consistency). 2. Arithmetic Progressions: Prove sum of first n natural numbers is $\frac{n(n+1)}{2}$. 3. Prove Pythagoras theorem by Activity method.
<u>SCIENCE</u>	1 - 7	Make a folder and list down all the electrical appliances used in your home and also list the change in energy in them.

	8 -14	Prepare a working model on any one of the following topics .Also prepare a write up . (I) parallel combination of resistance (ii) Ohm's law (iii) Robotics
	15 - 21	Give a relationship between physical quantities on which resistance depends and give their graphical representation with their dependence . Also collect different electrical components from waste materials.
	22 - 28	Prepare a model /project/ PPT /video on any one topic : (I)3D model of heart and cardiovascular problems (ii) latest research in the field of Corona (iii) Yoga and Ayurveda- an ancient method to build immunity and remain fit (iv) Natural resource and wastewater management (v) 3D model of any organ system of man.
	29 - 35	Prepare clay models of homologous organs, analogous organs, vestigial organs and human denture. Paint them also.
	36 - 42	Make a poster related to precautionary measures to be taken in order to avoid the spread of covid-19 with the help of household items.
	43 - Last Roll No.	Make a project showing different corroded items with the help of drawings pictures and give their preventive measures. of drawings pictures and give their preventive measures. OR Make a poster showing acidic and basic substances found in your surroundings.(like toothpaste,shampoo etc.)
<u>S.S.T.</u>	1 - 7	Prepare a Project-Report file along with the pictures on any one topic from the following : (i)Consumer awareness (ii) Women empowerment (iii) Social issues (iv) Human rights (v) Sustainable development (vi) Asiatic cheetah - where did they go? (vii) Project tiger or project Rhino (viii) Gas tragedy in Visakhapatnam NOTE : use eco friendly material for preparing project files

	8 -14	Compare the situation of India and USA in combating covid 19.If u would be the PM of India what strategies would you adopt to reduce the impact of covid-19.
	15 - 21	Prepare a Case Study on Covid19-A biological weapon.
	22 - 28	Design an Advertisement on Consumer Awareness
	29 - 35	Design a newspaper of at least 2 pages with inclination of various news regarding - (i) Consumer Protection,(ii) Consumer Rights,(iii) Consumer Movements,(iv) Consumer Awareness,(v) Cheating with Consumers,(vi) Problems of Consumers .
	36 - 42	Prepare a PowerPoint Presentation on Sustainable Development.
	43 - Last Roll No.	Design a brochure to aware people about Sustainable Development
<u>SANSKRIT</u>	1 - Last Roll No.	सन्धिः, समासः, प्रत्ययः एतेषां त्रयाणां 30-30 उदाहरणानि लिखत।