



**ARMY PUBLIC SCHOOL MIRAN SAHIB**  
**HOLIDAYS HOMEWORK (2023-24)**  
**CLASS-IX**



**SUBJECT-ENGLISH**

**The holidays can be a long break for the students from their daily schedule. Homework gives them the motive to do a little study each day so that the time they return to school, they are not completely blank. So, enjoy your vacations and homework too.**

S.NO	SKILLS	ACTIVITY	MARKS
1	<b>Writing Skill-</b> (Story Writing)	<p>Imagine that you are Jeet/Gita. You have moved into a new house and decide to explore a little. After an hour of going through the rooms, you stumble into the basement. Here, you find a small diary. The diary tells you the story about the person who lived in this house before. Use your imagination to complete the story in 120-150 words.</p> <ul style="list-style-type: none"><li>• Captain RishaMeher, the captain of a merchant ship S.S. Ashwamedha, found the ship caught in a storm off the coast of Nicobar Islands. She ordered her team to take the lifeboats and abandon the ship. Captain RishaMeher was the last to leave the ship, along with her first mate, JatinHanda. The two were carried to an island. The next morning, strange sounds woke up Captain RishaMeher. She found Jain was not there with her. Stealthily moving forward, she peeped to see what the shouts were about. She found a tied and bound Jain surrounded by some stranger. As Captain RishaMeher, write the story of your adventure in 120-150 words.</li><li>• “Enjoying a cup of tea while sitting on my balcony on a Sunday morning, suddenly I felt a deep pain in my chest. I thought that this was the last moment of my life.” Take these lines as the beginning of a story and complete the story in 120-150 words.</li><li>• Seema decided to write a story for her school magazine, but after some time, she could not complete the story as she had to go out for some urgent work. Complete the story on the basis of the beginning given below using 120–150 words. “An old man had two daughters. He loved both of them. Once he asked them...”</li><li>• Write a story in 120-150 words beginning with the following line and give it a suitable title. “Night before</li></ul>	<b>10</b>

		the zonal debate competition .... Everyone was fast asleep, while I was practicing... suddenly.” With this outline, write a story in 120-150 words.	
<b>2</b>	<b>Speaking skill- Speech</b>	<p>Prepare a speech for 3-4 minutes on any one of the given topics as part of ASL</p> <ul style="list-style-type: none"> <li>• Importance of World Peace</li> <li>• How to tackle a bad habit</li> <li>• Importance of Reading</li> </ul> <p>Life was better when technology was more simple</p>	<b>5</b>
<b>3</b>	<b>Art Integrated Project</b>	<p>Students to compare and contrast dresses/clothes that people of Jammu and Kashmir and Gujarat generally wear. They should also write about traditional dresses of both the states. Students to paste pictures and also tell which one of them they like the better. Students to make it in the form of a PPT.</p> <p>Students can take help of the following links :</p> <p><a href="https://www.holidify.com/pages/gujarati-dresses-125.html">https://www.holidify.com/pages/gujarati-dresses-125.html</a></p> <p><a href="https://www.kashmirtourpackage.org/traditionally-dresses.html">https://www.kashmirtourpackage.org/traditionally-dresses.html</a></p>	<b>10</b>

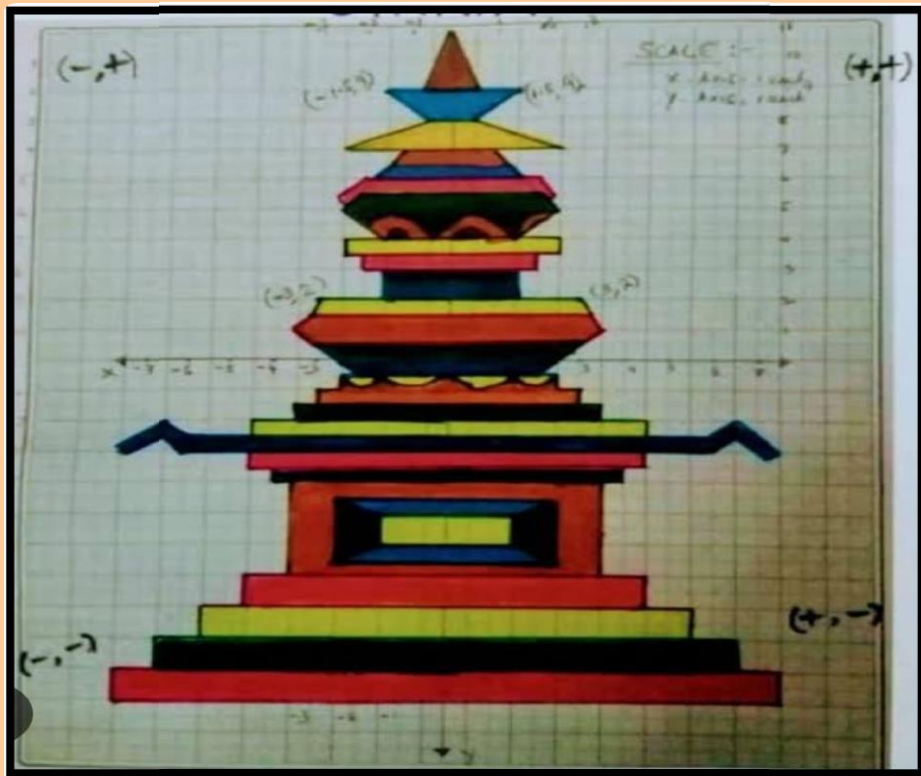
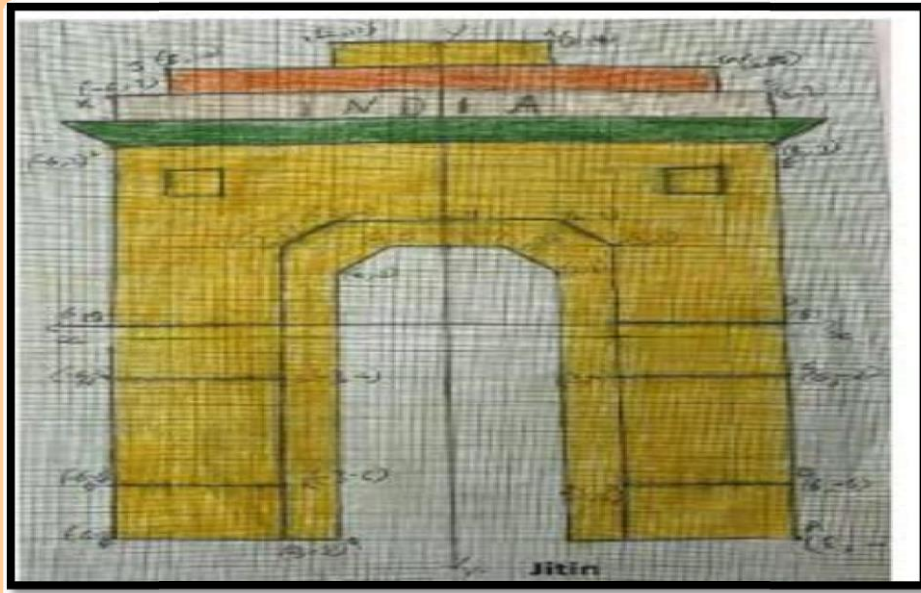
## विषय - हदी

क्रम संख्या	कौशल	विषय	अंक
१	लेखन	<p>१) विद्यालयपत्रिकाहते सुवर्चित लेख /कहानी/ किवतालिखए।</p> <p>२) अनुच्छेदलेखन</p> <p>३) अनौपचारिकपालेखन</p>	१०
२	विषयसंबंधन गतिविधियाँ (कला एककृत गतिविधि)	<p>१) अपनी पाठ्यपुस्तक संचयन में पाठ 'गिल्लू' को पूरा पढ़ें। उसके पत्रिका, आज के जमाने में पशुपालन उचित या अनुचित - विषय पर अपने विचार वीडियो के रूप में लिखिए (वीडियो संबंधी नियम देखने के लिए आप गूगल का उपयोग करें।</p> <p>२) गुजरातके महानसंत कबीरजीवनीविचारलिखो।</p>	१०
३	परियोजनाकाय	<p>१) विक्रमके मधुखपतारोहित कबीरजीवनी विचारलिख।</p> <p>२) "दुःख का अधिकार" कहानी को पढ़कर पाठक भावुक हो जाते हैं, उनका 5दय चिंतित हो उठता है समाज में फैले अंधविश्वास और कुरीतियों को उजागर करने वाली ऐसी कहानी सुनाते हुए चर्चा बनाकर अर्थात्पत्रिका को भेज।</p>	५

## SUBJECT- MATHEMATICS

S.NO	SKILLS	ACTIVITY	MARKS															
1	<b>CASE BASED QUESTION</b> (Brain Storming, Problem Solving, Critical Thinking)	<p>I) In MGPS School, all students are girls. On occasion of annual function activities, a competition of spoon running is organised in school's ground. In this competition, 20 girls participated. Those girls started running with spoon in mouth and with closed eyes with a target of 4.135789 m distance, whose decimal expansions is terminating, in playground. Therefore, some girls failed to reach destination, remaining girls achieved goal of reaching at final point and they win</p> <p>i) Analyse the above information and answer the following:                      Express the number 4.135789 in rational form.</p> <p>ii) Give the value of <math>0.44444 \dots</math> in the form of <math>\frac{p}{q}</math>, where <math>q \neq 0</math>.</p> <p>iii) Write 4 irrational number between <math>\frac{1}{6}</math> and <math>\frac{5}{6}</math></p> <p>II) Complete the crossword polynomial by finding the indicated products                      Below:</p> <div style="text-align: center; margin: 10px 0;"> </div> <table border="1" style="margin-left: auto; margin-right: auto; border-collapse: collapse; text-align: center;"> <thead> <tr> <th style="padding: 5px;">ACROSS</th> <th style="padding: 5px;">DOWN</th> </tr> </thead> <tbody> <tr> <td style="padding: 5px;">1. <math>(a+3)(a+3)</math></td> <td style="padding: 5px;">1. <math>(a-9)(a+9)</math></td> </tr> <tr> <td style="padding: 5px;">4. <math>(b+4a)(b+4a)</math></td> <td style="padding: 5px;">2. <math>(3+a+b)(3+a+b)</math></td> </tr> <tr> <td style="padding: 5px;">5. <math>2a(-8a+3a)</math></td> <td style="padding: 5px;">3. <math>(3b-4a)(3b-4a)</math></td> </tr> <tr> <td style="padding: 5px;">6. <math>(b-2)(b-4)</math></td> <td style="padding: 5px;">5. <math>(-4a+b)(4a+b)</math></td> </tr> <tr> <td style="padding: 5px;">9. <math>-2a(b+3-2a)</math></td> <td style="padding: 5px;">7. <math>(2-a)(4-a)</math></td> </tr> <tr> <td style="padding: 5px;">11. <math>(5b^2+7ab^2)(-5b^2+7ab^2)</math></td> <td style="padding: 5px;">8. <math>(4a^2-5b^2)(4a^2+5b^2)</math></td> </tr> <tr> <td style="padding: 5px;">12. <math>(a-6a)(a+6a)</math></td> <td style="padding: 5px;">10. <math>(2a-6b)(2a+6b)</math></td> </tr> </tbody> </table>	ACROSS	DOWN	1. $(a+3)(a+3)$	1. $(a-9)(a+9)$	4. $(b+4a)(b+4a)$	2. $(3+a+b)(3+a+b)$	5. $2a(-8a+3a)$	3. $(3b-4a)(3b-4a)$	6. $(b-2)(b-4)$	5. $(-4a+b)(4a+b)$	9. $-2a(b+3-2a)$	7. $(2-a)(4-a)$	11. $(5b^2+7ab^2)(-5b^2+7ab^2)$	8. $(4a^2-5b^2)(4a^2+5b^2)$	12. $(a-6a)(a+6a)$	10. $(2a-6b)(2a+6b)$
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2	<b>ASSERTION AND REASONING QUESTIONS</b> (Understanding, Critical thinking, Analysing)	<p><b>Directions:</b> In the following questions, a statement of assertion (A) is followed by a statement of reasons. Mark the correct answer as:</p> <p>(a) Both assertion and reason are true and reason is the correct explanation of assertion.          (b) Both assertion and reason are true but reason is not the correct explanation of assertion.          (c) Assertion is true but reason is false.          (d) Assertion is false but reason is true</p> <p><b>I) Assertion :</b> The expression <math>3x^4 - 4x^{3/2} + x^2 = 2</math> is not a polynomial because the term <math>-4x^{3/2}</math> contains a rational power of x.  <b>Reason :</b> The highest exponent in various terms of an algebraic expression in one variable is called its degree.</p> <p><b>II) Assertion :</b> <math>-7</math> is a constant polynomial.  <b>Reason :</b> Degree of a constant polynomial is zero.</p> <p><b>III) Assertion :</b> If <math>f(x) = 3x^7 - 4x^6 + x + 9</math> is a polynomial, then its degree is 7.  <b>Reason :</b> Degree of a polynomial is the highest power of the variable in it.</p> <p><b>IV) Assertion:</b> 0.329 is a terminating decimal.  <b>Reason:</b> A decimal in which a digit or a set of digits is repeated periodically, is called a repeating, or a recurring decimal.</p> <p><b>V) Assertion:</b> Sum of two irrational numbers <math>2 + \sqrt{3}</math> and <math>4 + \sqrt{3}</math> is irrational number.  <b>Reason:</b> Sum of two irrational numbers is always an irrational number.</p>	5
3	<b>ART INTEGRATED ACTIVITY</b> (Creative Thinking, Innovative Thinking)	<p>Draw any famous monument or art form of Gujarat on cartesian plane (use colours also) showing its axis of symmetry. Also mark the coordinates of the vertices.          For Reference pictures are attached below:</p>	10



## SUBJECT- SCIENCE

S.NO	SKILL	TOPIC	REMARK	MARKS
1	<b>WRITING/ LABORATORY WORK</b>	Create question bank of <b>Chapters:</b> 1. Matter in Our Surroundings 2. Is Matter Around Us Pure 3. The Fundamental Unit Of Life 4. Motion <b>Note: 5 Question Answer from each chapter.</b>  Write down practical in Your practical file.	Question bank to be made on a separate note book.  Use Science practical file.	5
2	<b>ART INTEGRATED ACTIVITY</b>	Using the Bead -Work art technique of Gujarat show the structure of plant cell or animal cell.	Use a chart paper or a cloth	10
3	<b>SUBJECT ENRICHMENT ACTIVITIES</b>	Make a model of any Bio-Geochemical Cycle such as Nitrogen Cycle, Carbon Cycle and Water Cycle <b>OR</b> Make a Science comic book on topics like Ozone depletion & its impact etc.	Make model using waste materials at home.  Use Scrap book	10

## **SUBJECT- SOCIAL SCIENCE**

<b>S. NO</b>	<b>SKILL</b>	<b>SUBJECT/ACTIVITY</b>	<b>MARKS</b>
1	<b>SUBJECT ENRICHMENT ACTIVITIES</b>	<b>Ch-2(Civics) Constitutional Designs)</b> Compare the Preamble of the constitution of the USA, INDIA and SOUTH AFRICA. Make a list of ideas that are common to all of these three countries.	<b>5</b>
2	<b>PROJECT</b> (Critical Thinking , Problem solving , Organization )	<b>Topic: The Bhuj Earthquake (Gujrat)–</b> Case study(Students will make a file using A4 sheets) Content to be included: 1.Introduction 2. The worst disaster happened. 3. Relief measures taken by the government. 4.Impact 5. Emergency Rescue and Relief Operations by different agencies. 6. Precautions to be taken during earthquake 7.Conclusion. Collect the pictures from various sources and make a collage.	<b>10</b>
3	<b>ART INTEGRATED ACTIVITY</b>	<b>Civics-Ch.5 Natural vegetation and wildlife.</b> Collect the information about the types of natural vegetation and wildlife found in union territory of J&k and Gujrat.Find the similar type of vegetation and write few lines. Collect the pictures related to the topic and make a collage.	<b>10</b>



## विषय - संस्कृत

क्रम संख्या	कौशल	विषय	अंक
१	लेखन	<p>१ " नैतिकता" से संपरित कोई चार श्लोक हृदी अथ सहित लिखो ।</p> <p>२ पाठ -२ ( उवण काकः ) हृदी अथअपने शब्द म लिखे।</p> <p>३ पाठ -३ ( सोमभम् ) को आधार बनाकर "दहज्ञे अथा" पर अनुच्छेद संस्कृत म लिखे ।</p>	१०
२	विषय संवधन गतिविधियाँ	<p>१. १ से ५० पर्यंत संख्यावाची शब्द (गिनती ) लिखत ।</p> <p>२. दशैं की भारतीय मासानाम नामांन लिखत। पृ संख्या - १७ इचिरा कंका -७</p> <p>३. गुजराती और संस्कृत के कोई पांच शब्द लिखो जो समान रूप से बोले जातेहै ।</p>	१०
३	परियोजना काय	<p>१ धातु रूप - खाँातुपांचोलकारलट् , लृट्, लङ्, लोट् , विधिलडमलिखोवयादकरो । पृ संख्या १२८ इचिराभाग- ३कंका- ८</p>	५

## **SUBJECT- AI**

<b>S. NO</b>	<b>SKILL</b>	<b>TOPIC</b>	<b>MARKS</b>
<b>1</b>	<b>WRITING</b>	Study Unit – 1 of part-B <b>Introduction to AI</b> and highlight the important terms with highlighter. Complete exercise questions and worksheets given at page numbers 133, 135, 139, 144, 145, 153, 168, 170, 175, 187, 188 in your computer notebook.	<b>5</b>
<b>2</b>	<b>SUBJECT ENRICHMENT ACTIVITIES</b>	Make a chart : Explain Different types of Verbal, Non-Verbal and Visual Communication with images.	<b>5</b>
<b>3</b>	<b>PROJECT</b>	*Search about different ICT Tools that we are using now days in our day to day life from the internet. Paste the pictures with explanation and names in your computer notebook.  *Search about different Stress Management Techniques that we are using now days in our day to day life from the internet. Paste the pictures with explanation and names in your computer notebook.	<b>10</b>
<b>4</b>	<b>ART INTEGRATED ACTIVITY</b>	<b>Topic: HTML</b> Create a HTML code to create a web page which displays the tourist places in J&K and Gujrat. Take the printouts of the blog created by you and paste it in your computer notebook.	<b>5</b>

## SYLLABUS OF PERIODIC TEST-I

SUBJECT	CH-NO.	NAME OF CHAPTER
ENGLISH	1	Book : Beehive Ch. 1 The Fun They Had
	2	Poem 1 The Road Not Taken
	1	Book : Moments Ch. 1 The Lost Child
	2	The Adventures of Toto
		<b>Grammar:</b> Writing Skill: Story Writing
HINDI		उपशभाग पाठ: दुःखका अधिकार
		पाठ: एवरेस्ट मरे शिखर याता पाठ: रैदास के पद पाठ: रहीम के दोहे
		सचं यन पाठ: विंगलू करण अपठतगहांश, शब्द और पद, अनुनासिक और अनुवर्ण।
MATHS	1	Number System
	2	Polynomials
	3	Co-ordinate Geometry
SCIENCE	1	Matter in Our Surroundings
	2	Is Matter Around Us Pure
	3	The Fundamental Unit Of Life
	4	Motion
SOCIAL SCIENCE	2	(History) Socialism in Europe and the Russian Revolution.
	1	(Geography) India-Size and Location.
	1	(Economics) The story of village palampur
	1	(Democratic Politics) What is Democracy? Why Democracy?
COMPUTER	2	Self management skills – 1
	4	Entrepreneurship skills – 1
SANSKRIT	पाठ -१	भारतवसंत गीतिः
	पाठ -२	उवणकाकः
	धातु अप	चार लकार म (लट् , लृट् , लोट् लङ् ) खाद् , वद् , गाळ् मे लिखे

