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FOR  
THE  
PLANET

## WINTER HOLIDAY HOMEWORK 2021-22

### THEME: SUSTAINABLE DEVELOPMENT GOAL-XIII -CLIMATE ACTION

**Dear Parents**

**Warm greetings!**

The winter holidays are around the corner. We are again resuming normal activities after the pandemic and life will soon be back on track. So, keeping that in mind we bring for our students, various fun-filled worksheets.

Following the theme of our Winter Holiday homework -Sustainable Development Goal-13- "Climate Action", we have designed a series of worksheets integrating the theme "Weather and Seasons" with English, Hindi, Mathematics, and Environmental Studies. The worksheets aim to provide students with opportunities to brainstorm and engage in critical thinking.

**PLEASE NOTE:** These worksheets will be assessed for Round IV. Students are requested to submit their worksheets under the Winter Holiday Homework Assignment in your respective subject team in MS Teams:

Date of Submission:

**English :** 10 January 2022

**Science :** 12 January 2022

**SST :** 15 January 2022

**Hindi:** 17 January 2022

**Maths :** 19 January 2022

**ICT:** 21 January 2022

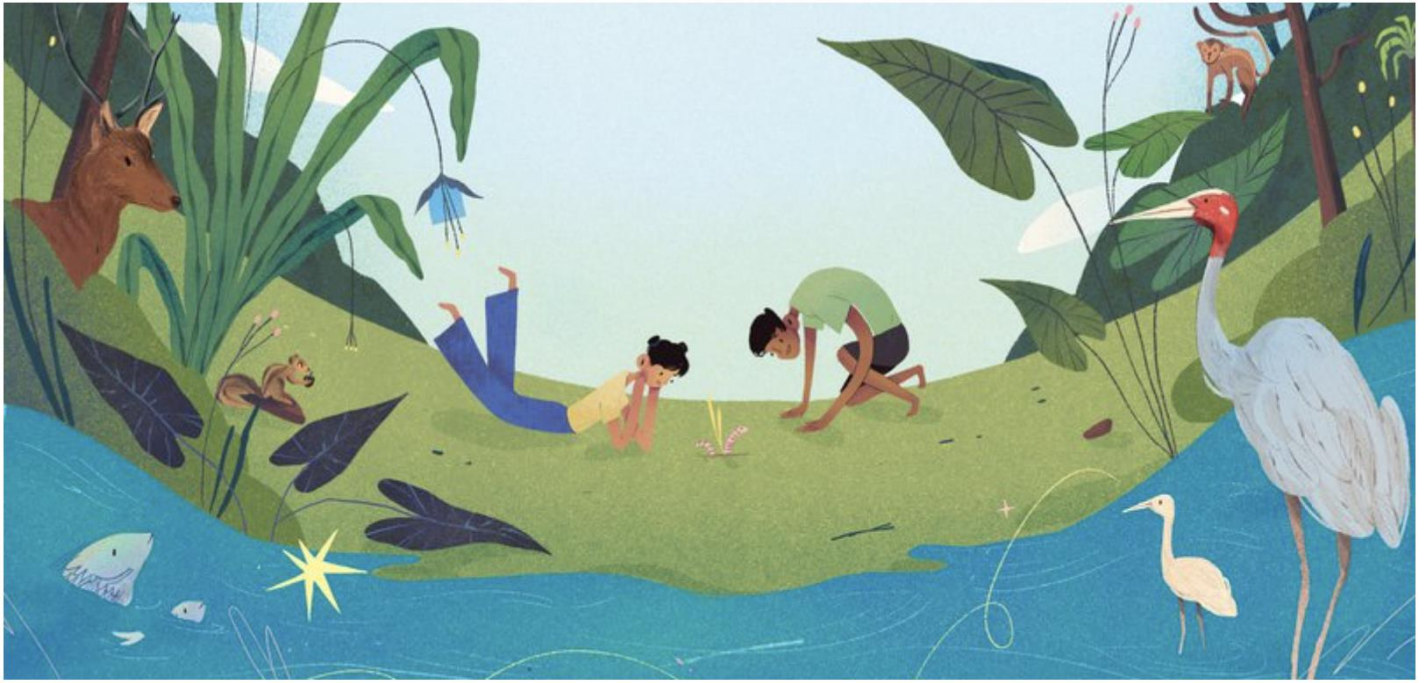
***Wish you an elated holiday time and a fantastic year ahead!***

We wish you warmth, love, and good health in the upcoming year.



## ENGLISH- CLASS V

**Q- Read the story given below and answer the questions that follow: (Click on the picture)**



### **Our Beautiful World**

**Q1- Name the tense form used in the sentence- “We live in a beautiful world...”**

**Ans-** \_\_\_\_\_

**Q2- Punctuate the sentence-** we design new technological miracles we shoot for the stars

we build amazing things we study the world the universe

**Ans-** \_\_\_\_\_

**Q3- State the effects of these new inventions?**

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Here, we reign supreme.  
We design new technological  
miracles, we shoot for the stars,  
we build amazing things.  
We study the world, the universe.

We try to make our lives easier, and  
easier and easier with new gadgets,  
that aim to make everything better.

**Q4- “Yet there is hope!” How can we combat the destruction we have done?**

**Ans-** \_\_\_\_\_

**Q5- Fill in the correct article in the sentence: The world is becoming \_\_\_\_\_ desert.**

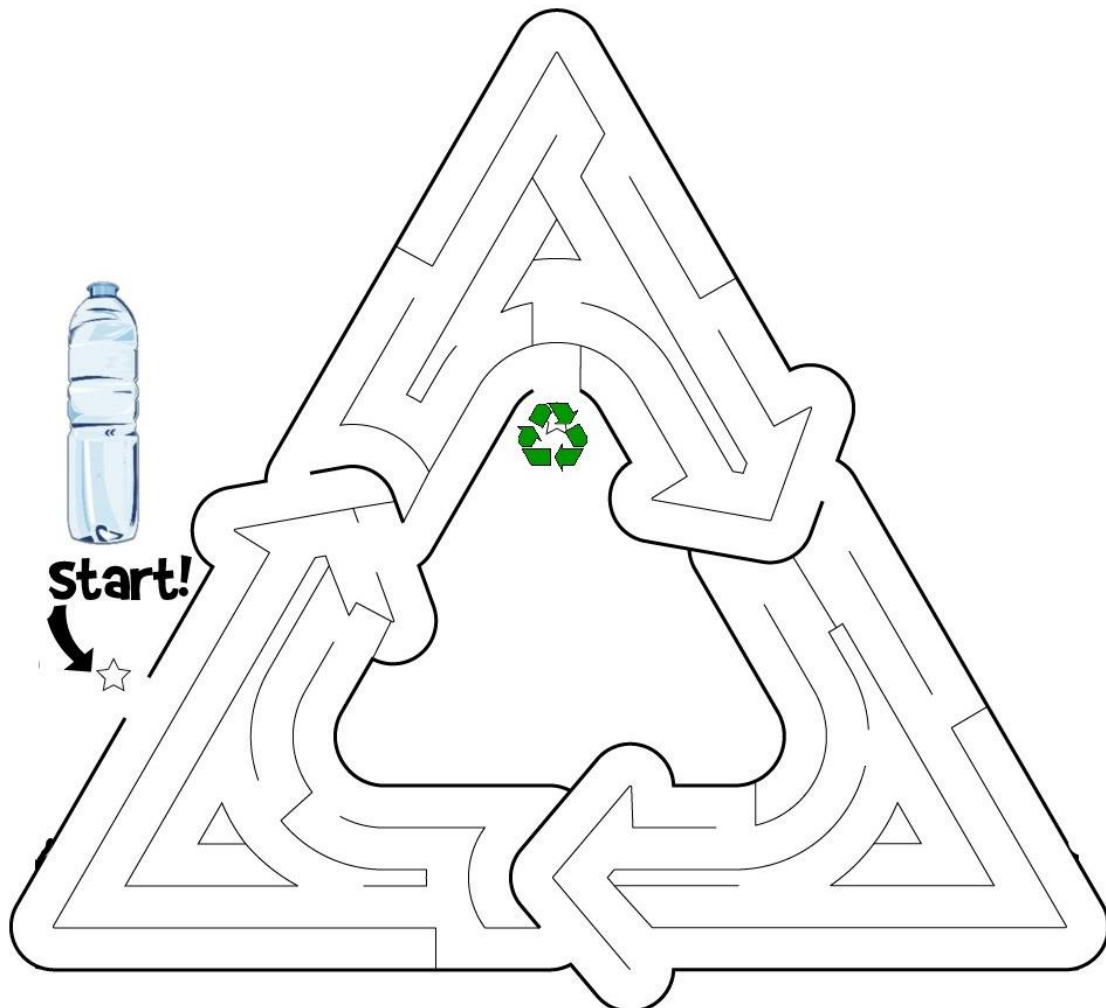


**Q6-Mia/Manav Pradhan is the President of Eco Club of Bal Bharati Public School, Noida. Her school is organising a plantation drive on the occasion of Van Mahotsav on November 21st from 9 am to 11 am. She has to inform all the students to bring a sapling each to be planted in the school to create a green belt. Write a notice to inform the school students using not more than 50 words.**



## SCIENCE- CLASS V

### WARM UP EXERCISE !



Q1- We have learnt about the sources of energy in the chapter- Force and Energy. We can generate electricity via thermal energy by burning fossil fuels like coal. However, newer forms of energy like Solar energy are now coming up. If you had a choice, which energy source would you choose - Coal or Solar Energy? Give two reasons for the same.

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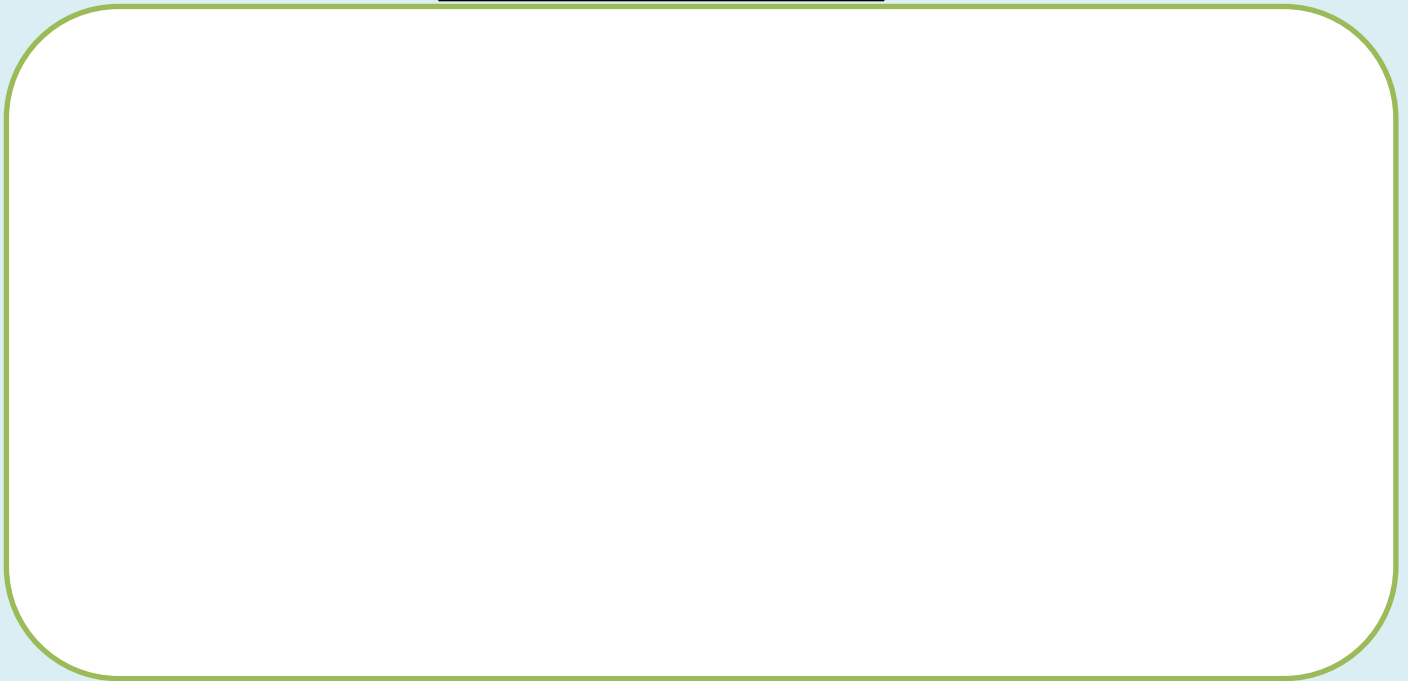
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ALL SET ? WATCH THE VIDEO USING A LINK: [How to save the Earth from Climate Change](#)

There is a Native American saying which states, *“Treat the earth well: it was not given to you by your parents, it was loaned to you by your children”*. We do not inherit the earth from our ancestors, we borrow it from the future generation.

Q2- JUST IMAGINE ! You have been granted the superpower of saving the earth through the little actions you take. Create a short story of how you will use your powers to take action to protect the climate. **Illustrate your story and include at least 5 steps you will take to save the planet.**

Illustrate your story here



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## SOCIAL SCIENCE-CLASS V

**Instructions: Carefully read the questions and write the answers in your notebook.**

Q1) Unscramble the letters to get the correct words. Write one line each on the words.

- RIPME NISMITER \_\_\_\_\_
- CIEHF UJSTCEI \_\_\_\_\_
- ORNGOERV \_\_\_\_\_
- ICEV RPSEIDNTE \_\_\_\_\_

Q2) Look at the picture and answer the questions.



1. Name the Building \_\_\_\_\_
2. Where is it located ? \_\_\_\_\_
3. What is the importance of this building? \_\_\_\_\_

Q3) Think and answer.



A) Our National Anthem, 'Jana Gana Mana', was written by Rabindranath Tagore. Who wrote our National Song 'Vande Mataram'?

B) This freedom fighter called a march to Delhi and coined the slogan- "Dilli Chalo". Name the leader.

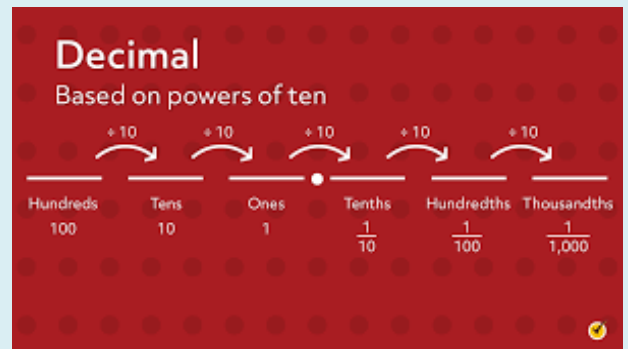
C) Who is responsible for Jallianwala Bagh Massacre?



## MATHEMATICS- CLASS V

### 1) Convert the following into decimals.

- a. 198 mm = ----- cm
- b. 375 ml = ----- litres
- c. 7gm = ----- kg



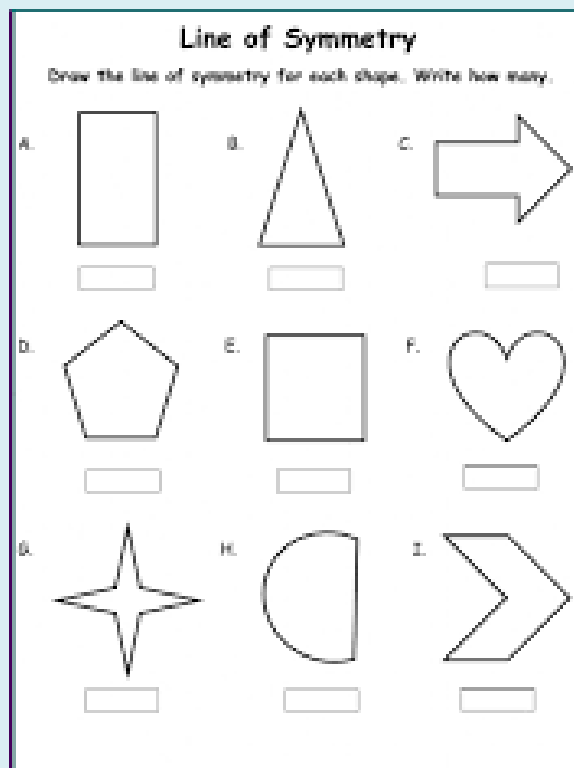
### 2) Write the place value of the given numbers.

- a. 86.09 \_\_\_\_\_
- b. 712.65 \_\_\_\_\_

### 3) Complete the following statements and write the number.

- a. Three fourth of 16 - \_\_\_\_\_
- b. One quarter of 36 - \_\_\_\_\_
- c. One half of 72 - \_\_\_\_\_

### 4) Draw the lines of symmetry in the following shapes and write how many lines of symmetry for each shape.

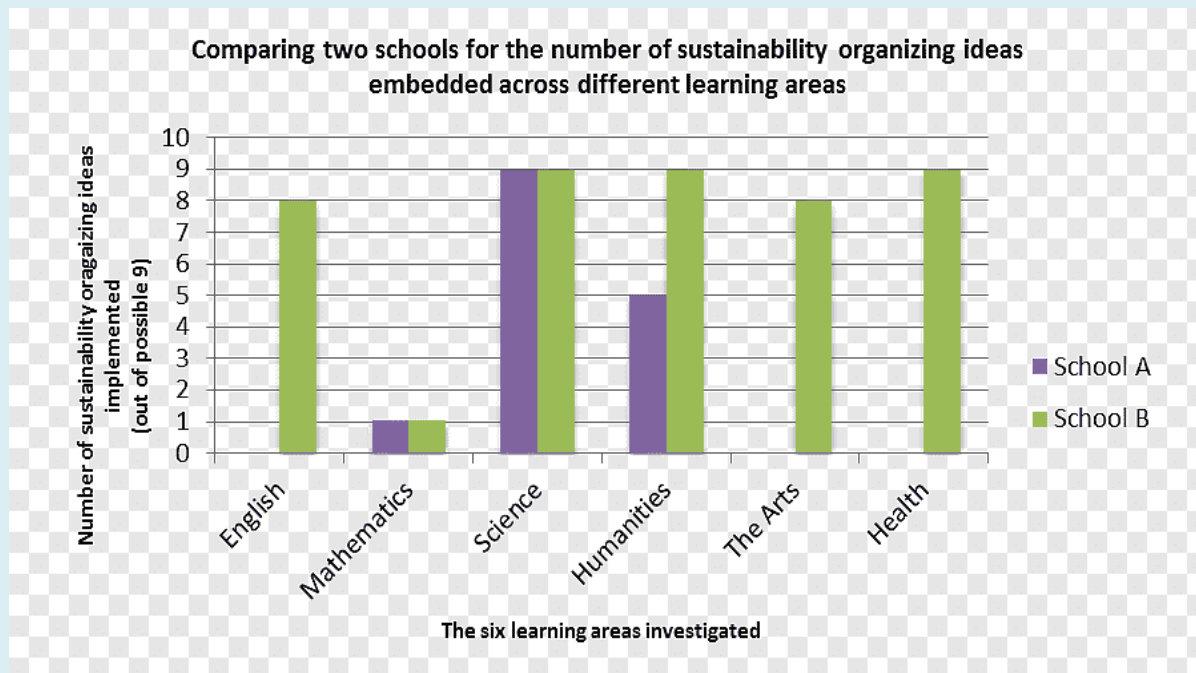




**5) Which of the following are equivalent decimals.**

- a. 0.70 and 0.7    \_\_\_\_\_
- b. 4.62 and 4.062    \_\_\_\_\_
- c. 15.2 and 15.20    \_\_\_\_\_

**2. Read the graph given below and answer the questions**



- a) Which school has implemented maximum sustainability ideas?  
\_\_\_\_\_
- b) In which subjects both schools have the same number of sustainability ideas?  
\_\_\_\_\_
- c) How many ideas are embedded in Maths by school B?  
\_\_\_\_\_
- d) Find the difference in the number of ideas for humanities subject of both the schools.  
\_\_\_\_\_
- e) In which subjects school A has not implemented any sustainability organizing ideas?  
\_\_\_\_\_

## हिन्दी – कक्षा 5

### प्रश्न 1-सृजनात्मक लेखन (यात्रा वर्णन )

#### वर्णात्मक शैली

कहाँ गए थे और क्यों गए थे ?

कब गए थे ?

किसके साथ गए थे ?

पूर्व योजना

कैसा अनुभव रहा ?

क्या अच्छा लगा ?

वहाँ की जलवायु के बारे में अपने विचार लिखिए

निष्कर्ष

#### पहाड़ों की सैर



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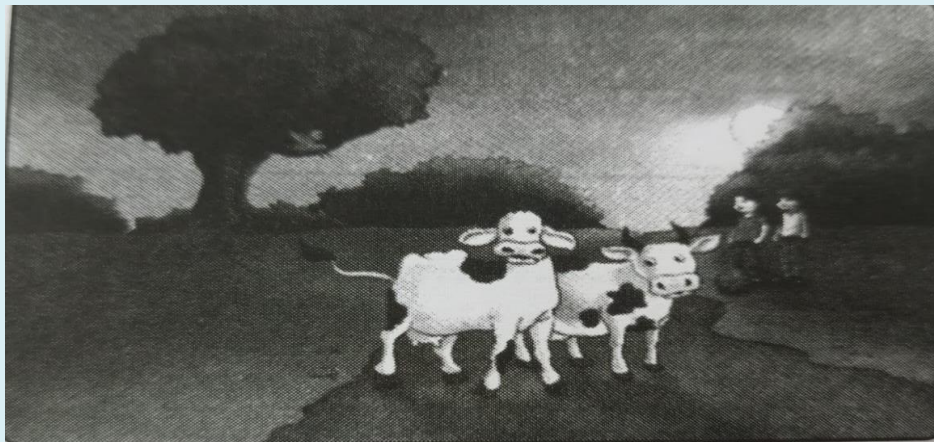
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प्रश्न 2 -दिए गए चित्र को देखकर क्रिया शब्दों से खाली स्थान भरिए -



- 1)शाम हो -----है ।
- 2)सूरज -----।
- 3)पक्षी घोंसलों में -----।
- 4)गायें ,अपने घरों को वापस -----।
- 5)बच्चों ने खेलना -----।

प्रश्न 3- 'अ' व 'अन' उपसर्ग लगाकर विलोम शब्द बनाइये और उन्हें नीचे दिए गए स्थानों में लिखिए

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प्रश्न 4- अपठित गद्यांश -

(गद्यांश को पढ़कर दिए गए प्रश्नों के उत्तर दें तथा इस गद्यांश को संवादों के रूप में चित्र सहित स्टोरी बोर्ड पर अपनी कहानी बनाएँ।)

एक बार शिवाजी और समर्थ गुरु रामदास बरसात के मौसम में एक उफनती नदी के किनारे नदी पार करने के लिए खड़े थे । दोनों में बहस हो रही थी कि मैं नदी को पहले पार करूंगा। इसी दौरान दैवयोग से एक नाविक भी वहाँ पहुँच गया । उसने उन्हें नदी के पार पहुँचा दिया । पार पहुँचने पर शिवाजी ने रामदास से पूछा , “गुरुदेव !आप पहले नदी पार करने के लिए क्यों आतुर हो रहे थे ?”

रामदास ने शिवाजी से कहा , “तुम्हीं बताओ कि तुम मुझसे पहले नदी में उतरने को क्यों तैयार थे?” शिवाजी के कुछ न कहने पर गुरु ने कहा, “शिवाजी ! तुम हिन्दू संस्कृति के रक्षक ,प्रजापालक राजा हो । यदि नदी पार करते समय तुम तेज़ बहाव में

कहीं बह जाते तो इस राज्य और धर्म का क्या होता ? यदि मैं पहले नदी पार करते समय डूब भी जाता तो कोई फ़र्क पड़ने वाला नहीं था क्योंकि मैं अकेला प्राणी हूँ ।” यह सुनकर शिवाजी बोले, “गुरुदेव ! आपके बिना कैसा धर्म, कैसी संस्कृति और कैसा राष्ट्र ? मेरे मार जाने पर आप जैसे सद्गुरु एक नहीं, हजारों शिवाओं को तैयार कर सकते हैं । मैं तो आपके चरणों का दास हूँ और कुछ नहीं।” शिवाजी के यह वाक्य सुनकर समर्थ गुरु रामदास गदगद हो गए ।

१ सही विकल्प छाँटकर लिखिए -

क) शिवाजी और गुरु रामदास का आपस में क्या संबंध था ?

अ) गुरु - शिष्य का    ब) शिष्य - गुरु का    स) राजा - मंत्री का    द) पिता - पुत्र का

ख) गुरु रामदास पहले क्यों नदी पार करना चाहते थे ?

अ) वे शिवाजी को संकट में डालना चाहते थे    ब) अपनी जान बचाना चाहते थे

स) शिवाजी की सलामती चाहते थे    द) इनमें से कोई नहीं

ग) यहाँ किसकी श्रेष्ठता का वर्णन किया गया है ?

अ) शिवाजी की    ब) गुरु की    स) दोनों की    द) इनमें से कोई नहीं

२ उपर्युक्त गद्यांश को पढ़कर उत्तर लिखिए -

क) शिवाजी व गुरु रामदास का लक्ष्य क्या था ?

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ख) दोनों ने नदी कैसे पार की ?

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ग) जिस देश में शिवाजी व गुरु रामदास जैसे व्यक्ति होंगे उस देश का भविष्य कैसा होगा ?

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३ विशेषण व विशेष्य बताइए -

शब्द	विशेषण	विशेष्य
क) उफनती नदी	.....	.....
ख) अकेला प्राणी	.....	.....



## ICT -CLASS V

**Q1. What all features do you think can be added to make an application which can monitor climatic changes across the world and help in disaster management.**

One has been done for you:

1. Emergency Alert messages

2. \_\_\_\_\_

3. \_\_\_\_\_

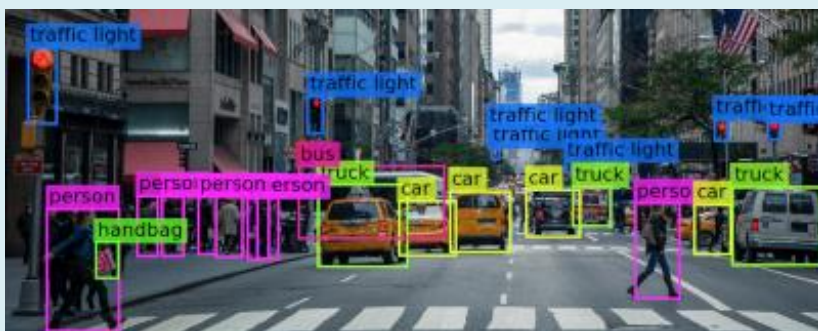
4. \_\_\_\_\_

5. \_\_\_\_\_

6. \_\_\_\_\_

7. \_\_\_\_\_

**Q2. Categorize the below given application as –**



Computer Vision



or

Natural Processing Language

S.No	Name of Application	Technology Used (Machine Language / NLP)
1	Auto Draw	
2	Mystery Animal	
3	Teachable Machine	
4	Quick Draw	
5	Emoji Scavenger Hunt	

This image shows a single sheet of white paper with horizontal blue ruling lines. The lines are evenly spaced and run across the width of the page. There is no handwriting or other markings on the paper.

