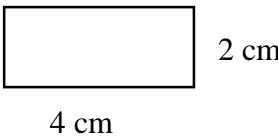


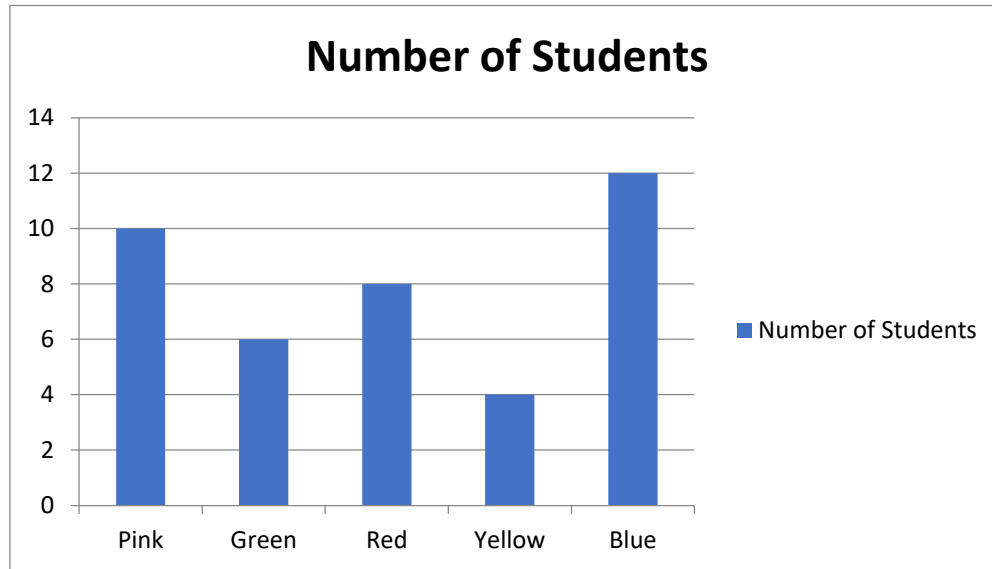
**KERALA PUBLIC SCHOOLS**  
**ACADEMIC YEAR 2021-22**  
**HOME ASSIGNMENT**



**CLASS : IV**  
**DATE : 15.01.22 to 08.02.22**

SUBJECT	ASSIGNMENT												
<b>MATHS</b>	<p><b><u>Ch-14 Perimeter And Area</u></b> <b>Text book work</b>– Exercise 14.3 (Q no 1), and Test Zone (page no 216,217) <b>Notebook work</b>- Exercise 14.2, 14.3 (Q no 2) and Mental Maths (page no 217)</p> <p><b><u>Ch-15 Data Handling</u></b> <b>Text book work</b>– Let’s Recall (page no 218), Exercise 15.1 (Q no 1), and Test Zone (page no 227,228) <b>Notebook work</b>-Concept map, Exercise 15.1 (Q no 2), 15.2 and 15.3</p> <p><b><u>Activity to be done in the Mathematics notebook</u></b> Collect the data of number of pages in 4 subject books and find out the subject with a maximum and minimum page.</p> <p><b><u>Extra questions to be done in the maths notebook:</u></b></p> <p>1. A rectangular park is 150 m long and 50 m broad. It has to be fenced to keep the cattle away. How much wire is needed for the fence?</p> <p>2. The perimeter of a square is 80 cm. What is the length of each side?</p> <p>3. Calculate the area of given figure.</p> <p>(a) </p> <p>4. Rahul got the following marks ( out of 100 ) in his Annual Examination. Draw a horizontal bar graph to represent the given marks.</p> <table border="1" data-bbox="349 1186 1502 1270"><thead><tr><th>Subjects</th><th>English</th><th>Mathematics</th><th>Hindi</th><th>Science</th><th>Social Studies</th></tr></thead><tbody><tr><td>Marks</td><td>80</td><td>75</td><td>90</td><td>90</td><td>70</td></tr></tbody></table> <p>5. Riya threw a dice many times and noted the number that appeared on the top face each time. Below are the numbers noted by her. Make a table using tally marks. Also, answer the questions that follow. 4,3,1,5,3,1,6,3,6,6,1,2,6,3,4,4,6,6,5,3,5,1,2,3,4,3,3,1,4,6 (a) Which number appeared the minimum number of times? (b) Which number appeared the maximum number of times?</p> <p><b><u>Revision Questions to be done in Mathematics notebook</u></b></p> <p>1. Add:- <math>65.378 + 0.35</math> 2. Subtract:- <math>0.523 - 0.008</math> 3. Multiply :- 35 m 26 cm by 35 4. Divide :- 8 hours 56 minutes 32 seconds <math>\div</math> 8 5. Convert 148 minutes into hours and minutes 6. Construct circles with radius 6.5 cm 7. Find the perimeter of the square having each side as 13 cm. 8. Mr. Aryan took 2 hours 45 minutes to travel by plane and 13 hours 50 minutes to travel further by car. What was his total travelling time?</p>	Subjects	English	Mathematics	Hindi	Science	Social Studies	Marks	80	75	90	90	70
Subjects	English	Mathematics	Hindi	Science	Social Studies								
Marks	80	75	90	90	70								

9. A drum can hold 16 L 35 mL of diesel. What will be the capacity of 46 such drums?  
 10. The given bar graph shows the favourite colours of students of class IV. Read the bar graph and answer the questions.



- (a) How many students like yellow colour?  
 (b) How many students like red colour?  
 (c) Which colour is liked by most of the students?  
 (d) What is the scale chosen for the given graph?  
 (e) What information does the graph give?

### GROWING PLANTS

**A. Read the chapter thoroughly**

**B. Learn and write the following words in the notebook**

substances	chlorophyll	leaf blade	veins	transportation
stomata	eucalyptus	gulmohar	photosynthesis	carbon dioxide
oxygen	glucose	starch	food chain	producer

#### LET'S UNDERSTAND

##### 1. OBJECTIVE TYPE QUESTIONS

**A. Fill in the blanks with the correct words.**

- Most plants on the earth are green.
- The stomata let air flow in and out of the leaf.
- Green plants make their own food with the help of chlorophyll in the leaves.
- The stem takes the prepared food from the leaves to other part of the plant.
- Extra food prepared by the leaves is stored as starch in different parts of the plant.

**B. Match the following.**

Column A

1. Veins

Column B

- a. Stored food

**SCIENCE**

- |                   |                                 |
|-------------------|---------------------------------|
| 2. Photosynthesis | b. Transport within the leaf    |
| 3. Stomata        | c. Prepared food                |
| 4. Glucose        | d. Process of preparing food    |
| 5. Starch         | e. Taking in and giving out air |

**Answer**

1.	2.	3.	4.	5.
b	d	e	c	a

**C. Choose the correct option.**

1. Which of these help to transport substances within the leaf?

- a. stomata      b. leaf blade      c. chlorophyll      d. veins  
1

**d. veins**

2. Which of these help to absorb water and minerals for the plants?

- a. roots      b. stem      c. leaves      d. veins

**a. roots**

3. Which part of the leaf removes water vapour and oxygen after photosynthesis?

- a. leaf blade      b. main vein      c. stomata      d. side vein

**c. stomata**

4. Which of these will not be needed by leaves for making food?

- a. carbon dioxide      b. water      c. sunlight      d. none of these

**d. none of these**

5. Which of these is not true about photosynthesis?

- a. food prepared is in the form of sugar  
b. Food prepared is in the form of starch  
c. Carbon dioxide water and light are raw materials  
d. Chlorophyll is needed to absorb light

**b. Food prepared in the form of starch**

6. Which of these shows the presence of starch?

- a. Iodine turns reddish brown      b. Starch turns to glucose  
c. Iodine solution turns bluish black      d. Leaves turn green

**c. Iodine solution turns bluish black**

7. Which of these are the best producers of food?

- a. green plants      b. animals      c. sun      d. none of these

**a. green plants**

8. Which of these shows dependence of animals on plants?

- a. Plants give off oxygen that animals use for breathing  
b. Animals make food for the plants  
c. Animals depend on green plants for food  
d. Both a and c

**d. Both a and c**

**2. VERY SHORT ANSWER TYPE QUESTIONS**

**A. Give one word for the following.**

1. The green substance present in the leaf      **chlorophyll**  
2. The flat surface of the leaf      **leaf blade**

3. The process by which green leaves prepare their food **photosynthesis**
4. The food prepared by the process of photosynthesis **glucose**
5. A chain that shows a series of organisms where each member depends on the lower member in the series for food **food chain**

**B. Answer the following questions.**

1. What are stomata? How do they help the plant?

Ans: The underside of a leaf contains millions of tiny openings. These tiny openings are called stomata. The stomata let air flow in and out of the leaf.

2. Define photosynthesis. Name the raw materials needed by plants for it.

Ans: The process by which leaves use sunlight to convert water and carbon dioxide into food is called photosynthesis. Plants use light, water, and carbon dioxide present in the air as raw materials to make their food.

3. How do green leaves get things needed for photosynthesis?

Ans: Water is absorbed by the roots and carried through the stem to the leaves. When light falls on the leaves, it is absorbed by chlorophyll. Carbon dioxide is taken in through stomata.

4. How would you test a leaf for starch?

Ans: Pluck a leaf from a plant that was out in the sun and boil it in water. Then dip it in spirit. Wash it in cold water. Now put a few drops of iodine solution on the leaf. The iodine solution turns the colour of the leaf bluish black.

5. Describe how plants and animals are dependent on each other.

Ans: Plants and animals are dependent on each other in many ways. Green plants are the main producers of food. Animals depend on these plants for their food. Besides, plants also give out oxygen, which is needed by animals to breathe. Animals in return give out carbon dioxide, which is needed by the plants for photosynthesis

**Activity:**

**Draw and label the parts of a leaf in your notebook as referred on (Pg no-67)**

**REVISION**

**STD 4**

***Chapter- 6 The Green Plants***

**A. Fill in the blanks with the correct words.**

1. Most plants on the earth are \_\_\_\_\_ (green/non-green).
2. The \_\_\_\_\_ (veins/stomata) let air flow in and out of the leaf.
3. Green plants make their own food with the help of \_\_\_\_\_ (stomata/chlorophyll) in the leaves.
4. The \_\_\_\_\_ (stem/root) takes the prepared food from the leaves to other parts of the plant.
5. Extra food prepared by the leaves is stored as \_\_\_\_\_ (iodine/starch) in different parts of the plant.

**B. Match the following.**

Column A	Column B
1. Veins 2. Photosynthesis 3. Stomata 4. Glucose 5. Starch	a. Stored food b. Transport within the leaf c. Prepared food d. Process of preparing food e. Taking in and giving out air

**C. Choose the correct option.**

**1. Which of these help to transport substances within the leaf?**

- a. stomata   b. leaf blade   c. chlorophyll   d. veins

**2. Which of these help to absorb water and minerals for the plant?**

- a. roots   b. stem   c. leaves   d. veins

**3. Which part of the leaf removes water vapour and oxygen after photosynthesis?**

- a. leaf blade   b. main vein   c. stomata   d. side vein

**4. Which of these will not be needed by leaves for making food?**

- a. carbon dioxide                      b. water  
c. sunlight                                  d. none of these

**5. Which of these is NOT true about photosynthesis?**

- a. food prepared is in the form of sugar  
b. food prepared is in the form of starch  
c. carbon dioxide water and light are raw materials  
d. chlorophyll is needed to absorb light

**6. Which of these shows the presence of starch?**

- a. iodine turns reddish brown                      b. starch turns to glucose  
c. iodine solution turns bluish black   d. leaves turn green

**7. Which of these are the main producers of food?**

- a. green plants                                  b. animals  
c. sun    d. none of these

**8. Which of these shows dependence of animals on plants?**

- a. plants give off oxygen that animals use for breathing  
b. animals make food for the plants  
c. animals depend on green plants for food  
d. both a. and c.

**D. Give one word for the following.**

1. The green substance present in leaves

Ans.

2. The flat surface of the leaf

Ans.

3. The process by which green leaves prepare their own food

Ans.

4. The food prepared by the process of photosynthesis

Ans.

5. A chain that shows a series of organisms where each member depends on the lower member in the series for food

Ans.

**E. Answer the following questions.**

1. What are stomata? How do they help the plant?  
Ans.
2. Define photosynthesis. Name the raw materials needed by plants for it.  
Ans.
3. How do green leaves get things needed for photosynthesis?  
Ans.
4. How would you test a leaf for starch?  
Ans.
5. Describe how plants and animals are dependent on each other.  
Ans.

**Chapter- 11 Force, Work, and Energy**

**A. Choose the correct option.**

**1. What is force?**

- a. act of pushing or pulling    b. gravity  
c. friction                            d. all of these

**2. What causes ripe mango to fall on the ground?**

- a. friction                            b. gravity  
c. energy of the Sun                d. energy of the earth

**3. Which of these forces cause a moving body to stop?**

- a. friction                            b. gravity  
c. energy of the Sun                d. energy of the earth

**4. In which of these is work said to have been done?**

- a. pushing a wall                    b. pushing a lawnmower  
c. reading                            d. standing

**5. Which of these can be used to open the lid of a can?**

- a. lever    b. pulley    c. wheel and axle    d. screw

**6. A pair of scissors is an example of a**

- a. lever    b. pulley    c. wheel and axle    d. screw

**7. Which of these is NOT a form of energy?**

- a. chemical    b. mechanical    c. electrical                    d. frictional

**8. Which of these is the main source of energy on the earth?**

- a. sun            b. wind            c. water                    d. light

**B. Fill in the blanks with the correct words.**

1. The force that pulls objects towards the centre of the Earth is called \_\_\_\_\_ (friction/gravity).
2. If there is too much friction, things will \_\_\_\_\_ (move/not move).
3. Energy is the ability to do \_\_\_\_\_ (work/force).
4. A \_\_\_\_\_ (pulley/wheel and axle) is a simple machine with a grooved wheel and a rope running between the grooves of the wheel.
5. The energy of moving water is called \_\_\_\_\_ (solar/hydro) energy.

**C. Give one word for the following.**

**1. The force that opposes the motion of one surface across another**

Ans.

**2. A simple machine that is made up of a rod resting at a point around which it turns**

Ans.

	<p><b>3. A sloping surface that is used to push heavy objects to a certain height</b> Ans.</p> <p><b>4. An inclined plane wrapped around a cylinder that has a sharp pointed end</b> Ans.</p> <p><b>5. The ability to do work</b> Ans.</p> <p><b>D. Give two examples for each of the following.</b></p> <p>1. Work being done _____</p> <p>2. Simple machines _____</p> <p>3. Forms of energy _____</p> <p>4. Levers _____</p> <p><b>E. Answer the following questions.</b></p> <p>1. What is work? Explain with the help of an example. Ans.</p> <p>2. What is a lever? Give two examples. Ans.</p> <p>3. What are simple machines? Ans.</p> <p>4. Name five simple machines with one example of each. Ans.</p> <p>5. What is energy? Ans.</p> <p>6. Write a short note on solar energy and wind energy. Ans.</p>
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<b>HINDI</b>	<p><b>हिन्दी भाषा</b></p>
	<p><b>1. अनेक शब्दों के लिए एक शब्द (पेज संख्या-77) (16-30)</b></p> <p>कभी-कभी किसी बात को कहने के लिए अनेक शब्द न कहकर उनके लिए एक शब्द का प्रयोग करते हैं। इससे भाषा सरल, स्पष्ट तथा वाक्य छोटा हो जाता है।</p> <ul style="list-style-type: none"> <li>• मूर्ति बनानेवाला - मूर्तिकार</li> <li>• छाया देनेवाला - छायादार</li> <li>• जहाँ जाना कठिन हो - दुर्गम</li> <li>• जहाँ जाना सरल हो - सुगम</li> <li>• नीचे लिखा हुआ - निम्नलिखित</li> <li>• प्रतिदिन होनेवाला - दैनिक</li> <li>• सप्ताह में होनेवाला - साप्ताहिक</li> <li>• महीने में एक बार होनेवाला - मासिक</li> <li>• वर्ष में एक बार होनेवाला - वार्षिक</li> <li>• दया करनेवाला - दयालु</li> <li>• प्रशंसा के योग्य - प्रशंसनीय</li> <li>• सेना में काम करनेवाला - सैनिक</li> <li>• जो बोल नहीं सकता - मूक</li> <li>• सच बोलनेवाला - सत्यवादी</li> </ul>

- इतिहास से संबंध रखानेवाला - ऐतिहासिक
3. विद्यालय का गमला टूट जाने पर प्रधानाचार्या को क्षमा- याचना करते हुए पत्र लिखिए।
  - 4.

सेवा में,

प्रधानाचार्य महोदया

एन. एम. एल केरला पब्लिक स्कूल

भुईयाडीह, जमशेदपुर

विषय – क्षमा-याचना हेतु पत्र

महोदया,

सविनय निवेदन है कि आज खेलते हुए मुझसे एक गमला टूट गया है, जिसके लिए मुझे क्षमा करने कि कृपा करे। इसके लिए मैं आपकी सदा आभारी रहूँगी/ रहूँगा।

धन्यवाद

आपका आज्ञाकारी छात्र/छात्रा

नाम – आयुष

कक्षा – 4 ब

दिनांक – 14/01/2022

### 3. अनुच्छेद लेखन

#### विषय – मेरा प्रिय खेल

हम सब को खेलना बहुत पसंद है। मैदान में खेल खेलने से न सिर्फ हमारा मनोरंजन होता है बल्कि उसके साथ हमारा व्यायाम भी हो जाता है। मैदान में हम क्रिकेट, खो-खो, कबड्डी आदि बहुत से खेल खेलते हैं लेकिन मेरा प्रिय खेल क्रिकेट है। मैं हर दिन अपने दोस्तों के साथ पास के मैदान में क्रिकेट खेलता/खेलती हूँ। छुट्टी के दिनों में तो हमारा बस एक ही काम होता है क्रिकेट खेलना। क्रिकेट मैदानी खेल है लेकिन इसमें बल और बुद्धि दोनों का इस्तेमाल होता है। यह एक मैदान पर खेला जाने वाला रोमांचकारी खेल है। क्रिकेट की उत्पत्ति इंग्लैंड में हुई थी लेकिन इस खेल को एशिया के कुछ देशों में जादा पसंद किया जाता है। भारत में क्रिकेट को न सिर्फ युवा बल्कि बच्चे और बूढ़े भी इसे पसंद करते हैं। क्रिकेट दो टीमों के बीच खेला जाता है। जिसमें हर एक टीम में ग्यारह खिलाड़ी होते हैं।

### 4. अपठित गद्यांश –

भारतीय उत्सव प्रिय होते हैं। यहाँ वर्ष-भर त्योहारों की धूम रहती है। ये त्योहार हमारे जनजीवन में उत्साह और उल्लास भर देते हैं। दक्षिण भारत में एक राज्य केरल है। यहाँ के निवासियों का प्रमुख त्योहार है – ‘ओणम’। यह त्योहार श्रावण मास में मनाया जाता है। इस समय प्रकृति का सौंदर्य लोगों को अपनी ओर आकर्षित करता है, फसलें पककर तैयार हो जाती हैं। ‘कमल’ और ‘लिली’ के फूल खिल उठते हैं। इसे ‘फूलों का त्योहार’ भी कहते हैं।

### निम्न प्रश्नों के उत्तर लिखो-

1. त्योहार हमें किस-किस भाव से भर देते हैं?

उत्तर- त्योहार हमें उत्साह और उल्लास से भर देते हैं।

2. केरल का प्रमुख त्योहार कौन-सा है?

उत्तर- केरल का प्रमुख त्योहार ‘ओणम’ है।

3. ‘ओणम’ कब मनाया जाता है?

उत्तर- ‘ओणम’ श्रावण मास में मनाया जाता है।

4. केरल कहाँ स्थित है?

उत्तर- केरल दक्षिण भारत में स्थित है।



### 5. फूलों का त्योहार किसे कहा गया है?

उत्तर- फूलों का त्योहार 'ओणम' को कहा गया है।

#### पुनरावृत्ति

#### 1. नीचे दिये वाक्यों में रंगीन शब्दों के भेद लिखिए।

- (क) पेड़ पर **चिड़िया** बैठी हैं। (जातिवाचक संज्ञा)  
(ख) **रामायण** एक धार्मिक पुस्तक है। (व्यक्तिवाचक संज्ञा)  
(ग) **सैनिक** देश की रक्षा करते हैं। (जातिवाचक संज्ञा)  
(घ) रामा की **लिखाई** बहुत सुंदर है। (भाववाचक संज्ञा)  
(ङ) कमरे की **सजावट** अच्छी तरह से की गयी है। (भाववाचक संज्ञा)  
(च) यहाँ चारों ओर **हरियाली** है। (भाववाचक संज्ञा)

#### 2. नीचे दिये वाक्यों में से सर्वनाम शब्द और उनके भेद लिखिए।

वाक्य	सर्वनाम शब्द	भेद
(क) यह मेरा घर है।	यह	निश्चयवाचक सर्वनाम
(ख) कौन शोर मचा रहा है।	कौन	प्रश्न वाचक
(ग) जिसने बोया उसने काटा।	जिसने, उसने	संबंधवाचक सर्वनाम
(घ) बाहर कोई खड़ा है।	कोई	अनिश्चयवाचक सर्वनाम
(ङ) मैं रोज सैर पर जाता हूँ।	मैं	पुरूषवाचक सर्वनाम
(च) मुझे स्वयं काम करने दो।	स्वयं	निजवाचक सर्वनाम

#### 3. नीचे दिये गए वाक्यों में प्रयुक्त काल का नाम बताइए।

- (क) राहुल बाज़ार जाएगा। ( भविष्य काल )  
(ख) रिकू गाना गा रही है। (वर्तमान काल)  
(ग) घर में पूजा हो गई। ( भूतकाल )  
(घ) अक्षय खाना खा रहा है। (वर्तमान काल)  
(ङ) राधा अभी नाचेगी। ( भविष्य काल )  
(च) दादाजी सैर कर रहे हैं। (वर्तमान काल)

### हिन्दी साहित्य

#### पाठ 13 – ईमानदारी का फल

1. पाठ का वाचन करें।  
2. पाठ के कठिन शब्दों को रेखांकित कर उसे अपनी उत्तर पुस्तिका में लिखें। (दो बार)

बादशाह	ईमानदार	जाँच	कार्यालय	निजी
शाही	सजावट	चौपड़	वित्तमंत्री	खजांची

3. क्रियात्मक गतिविधि – विवाह में भेंट देने के लिए एक सुंदर-सा लिफ़ाफ़ा तैयार करें।



#### 4. शब्द – भंडार

दृष्टि – नजर	पच्चीकारी – नगीने जड़ने का काम
उन्नति – तरक्की	रत्न – कीमती पत्थर
आश्वासन – भरोसा	दंग रहना – हैरान होना
निजी – अपना	लज्जित – शर्मिंदा
कृतज्ञता – एहसान मानना	नम्रता – कोमलता

#### 5. बहुविकल्पीय प्रश्न छात्र स्वयं पुस्तक में करें।

#### 6. प्रश्न- उत्तर

क) मंत्री युवक को क्या आश्वासन देकर राजा के पास ले गया ?

उत्तर – मंत्री युवक को उन्नति का आश्वासन देकर राजा के पास ले गया।

ख) मंत्री ने युवक के पक्ष में राजा के सामने क्या दलील दी ?

उत्तर- मैंने इस युवक को हजारों में से छाँटा है और मैं इसकी नौकरी छुड़वाकर इसे यहाँ लाया हूँ।

ग) राजा ने युवक को किस पद पर रखा ?

उत्तर – राजा ने युवक को निजी कार्यालय में चपरासी के पद पर रखा ?

घ) युवक ने राजा के कार्यालय में जाकर क्या काम किया ?

उत्तर – युवक ने राजा के कार्यालय को साफ़ किया उसे शाही कार्यालय का रूप दिया।

(ङ) वित्तमंत्री के रूप में युवक ने राजा का दिल कैसे जीत लिया ?

उत्तर – अपनी ईमानदारी और लगन से युवक ने राजा का दिल जीत लिया।

(च) अंत में युवक को कौन सा पद मिला ?

उत्तर – अंत में युवक को प्रधानमंत्री का पद मिला।

#### 7. किसने कहा ?

कथन	किसने कहा ?
1. मुझे अपने लिए एक ईमानदार आदमी की जरूरत है   यदि आप की दृष्टि में ऐसा कोई हो तो ले आए।	बादशाह ने
2. हुज़ूर! मैंने इसे हजारों में से छाँटा है और इसकी बढ़िया नौकरी छुड़वाकर यहाँ लाया हूँ।	मंत्री ने
3. हमारे सब मंत्रियों को उनके घरों से उठाकर इस कमरे में ले आओ   हाँ, वे जिस हालत में हो, उसी हालत में लाए जाएँ।	बादशाह ने
4. हुज़ूर! दूर के इलाके से इस साल जो राज-कर आया है, उसमें पिछले साल से एक पैसा कम है   मैं बार-बार देख रहा हूँ कि जोड़ में भूल है या सचमुच पैसा कम आया है।	वित्तमंत्री ने

### 8. विलोम शब्द

- (क) ईमानदारी x बेईमानी  
(ख) कृतज्ञ x कृतघ्न  
(ग) तेज x धीमा  
(घ) खरीदा x बेचा  
(ङ) बुरा x अच्छा

### 9. वाक्य बनाओ

- (क) चौकी – वह चौकी पर बैठा है।  
(ख) बादशाह – बादशाह चतुर था।  
(ग) सजावट – घर की सजावट सुंदर है।  
(घ) बेईमानी – बेईमानी नहीं करना चाहिए।

### पाठ-4 हम पंक्ति में क्यों खड़े हों ?

1. पाठ का वाचन करें।

2. पाठ के कठिन शब्दों को रेखांकित कर उसे अपनी उत्तर पुस्तिका में लिखें।

पंक्ति	प्राणी	अनुशासन	कर्तव्य	सुविधा
वातावरण	व्यायाम	नागरिक	स्वतंत्र	व्यवस्था

3. क्रियात्मक गतिविधि – बस का चित्र बनाकर उसमें रंग भरो।



4. शब्द- भंडार

स्वतः – अपने आप	मस्तिष्क – दिमाग	सामाजिक – समाज का
कष्ट – तकलीफ़	विभिन्न – अलग-अलग	विघ्न – रुकावट
व्यवस्था – ठीक प्रबंध	शक्ति- ताकत	सुचारु – ठीक प्रकार
संघर्ष – टकराव	हिट – भलाई	शिष्टता-अच्छा व्यवहार
योगाभ्यास – योग का अभ्यास	अराजकता – किसी कानून का न होना	

5. प्रश्न- उत्तर

(क) हमें पंक्तिबद्ध क्यों होना चाहिए ?

उत्तर – पंक्तिबद्ध होने से अनुशासन बना रहता है। सभी काम सुचारु ढंग से पूरे होते हैं और संघर्ष की स्थिति नहीं आती।

(ख) मनुष्य को सामाजिक प्राणी क्यों कहा गया है ?

उत्तर – मनुष्य समाज में रहता है। उसे समाज के लोगों के साथ रहना और काम करना पड़ता है। वह समाज के नियमों का पालन करता है।

(ग) हमें कहाँ-कहाँ पंक्ति बनाकर जाना चाहिए ?

उत्तर – हमें प्रार्थना स्थल पर आने-जाने, पी.टी तथा योगाभ्यास करने, बस में चढ़ने समय पंक्ति बनानी चाहिए।

(घ) स्वतंत्र भारत के नागरिक होने के नाते हमारा क्या कर्तव्य है ?

उत्तर – प्रत्येक स्थान पर शिष्टता का परिचय देना तथा पंक्ति में खड़ा होना हमारा कर्तव्य है।

(ङ) पंक्तिबद्ध होना हमें क्या सिखाता है ?

उत्तर – पंक्तिबद्ध होना हमें अनुशासन सिखाता है।

#### 6. खाली जगह भरो –

(क) मनुष्य को **अनुशासन** का पालन करना चाहिए।

(ख) पंक्तिबद्ध होने से समाज में **व्यवस्था** बनी रहती है।

(ग) तुम्हारा **प्रश्न** मेरे मस्तिष्क में घूमता रहा।

(घ) तुम एक अच्छे **नागरिक** बन सकोगे।

#### 7. विलोम शब्द

न्याय x अन्याय	स्पष्ट x अस्पष्ट	धर्म x अधर्म	शुभ x अशुभ
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#### 8. वाक्य बनाओ

(क) समस्या – प्रदूषण एक विकट समस्या है।

(ख) शांति – देश में शांति कायम है।

(ग) पंक्ति – पंक्ति बनाकर बस में चढ़ो।

(घ) कार्य – यह कार्य कठिन है।

(ङ) जीवन – जीवन चलाने का नाम है।

#### 9. सही उत्तर पर ठीक का चिन्ह लगाओ -

उत्तर - 1 (क) 2 (ख) 3 (क) 4 (ख)

#### पुनरावृत्ति

पाठ - हम सब सुमन एक उपवन के

#### 1. शब्दार्थ

स्वर – आवाज़	सूत्र – धागा	उर – हृदय
निर्धन – गरीब	उपवन – बगीचा	भ्रमर – भौरा

#### 2. प्रश्न – उत्तर

(क) कविता में सुमन किन्हे कहा गया है ?

उत्तर – कविता में सुमन सभी भारतवासियों को कहा गया है।  
**(ख) हम सब पर प्रकृति किस प्रकार मेहरबान रही है ?**  
 उत्तर – प्रकृति हमें एक समान धूप, जल, हवा प्रदान करके हम सब पर मेहरबान रहती है।  
**(ग) उपवन की शोभा किससे है ?**  
 उत्तर – उपवन की शोभा तरह-तरह के फूलों से है।  
**(घ) हमने किनसे, किस प्रकार जीना सीखा है ?**  
 उत्तर – हमने काँटों अर्थात् कष्टों से हँस- हँस कर जीना सीखा है।

**3. कविता की पंक्तियाँ पूरी करो-**

काँटों में खिलकर हम सबने  
 हँस-हँसकर है जीना सीखा।  
 एक सूत्र में बाँधकर हमने  
 हार गले का बनना सीखा।  
 सबके लिए सुगंध हमारी  
 हम श्रृंगार धनी – निर्धन के,  
 हम सब सुमन एक उपवन के।

**ENGLISH LANGUAGE**

**TOPIC- SUBJECT VERB AGREEMENT (Ch.18)**

**1. Give the singular and plural forms of these verbs :**

- a. believe
- b. enjoy
- c. dress
- d. fix
- e. catch
- f. cries

**2. Complete the sentences with the correct form of the verbs in the brackets. Use the verbs in the present tense.**

- a. I love to \_\_\_ horror movies. (watch)
- b. My dad \_\_\_\_\_ to eat pizzas.( love)
- c. My mother \_\_\_\_\_ a cake every Sunday ( bake)
- d. There \_\_\_\_\_ a big crowd outside my house. ( be)
- e. Naina \_\_\_\_\_ a lot.( talk)

**3. Rewrite the sentences in correct form:**

- a. The bus arrive at 2 p.m.
- b. They often quarrels with each other .
- c. Mohit have a beautiful handwriting.
- d. We has a big banyan tree in our garden.
- e. Seema drive a black car.

**Letter writing ( Informal):** Write a letter to your grandmother telling her how much you enjoyed your stay with them in your village during the lockdown period.

**Creative writing**

**TOPIC - My experience on Online classes.**

**Note- The above exercises to be done in English notebook.**

**EXERCISES- A, B, C , D, E, F G ( Pages 106- 110) are to be done in the GRAMMAR LAND TEXT BOOK.**

**REVISION WORK :**

**ENGLISH**

- 1. Complete the sentences using the simple present tense form of the verbs in brackets: (ch.11)**
  - a. Rohit \_\_\_\_ ( want) to go to his native village during the summer vacation.
  - b. Seema \_\_\_\_\_ ( clean) the table after dinner every night.
- 2. Complete the sentences using Present continuous tense form of the verbs given in brackets:( ch.11)**
  - a The choir \_\_\_\_\_( sing) my favourite song!
  - b. I \_\_\_\_\_ ( bake) a cake now.
- 3. Complete the sentences with the simple past forms of the verbs in the brackets: (ch. 12)**
  - a. We \_\_\_\_\_( plan) a trip to Goa this vacation but. Had to cancel it due to the pandemic.
  - b. Raman \_\_\_\_\_ ( stop) on the way to Bhubaneshwar and ( visit) his Grandparents in Rourkela.
- 4. Complete the sentences in Future time with the help of the verbs in the brackets: (ch.13)**
  - a. My mother \_\_\_\_\_ ( buy) the fruits tomorrow.
  - b. The doctor \_\_\_\_\_ ( not be ) available on Sunday.
- 5. Underline the adverbs: (ch14)**
  - a. I was happily sharing my success story with my friends yesterday.
  - b. Sudhir is quite intelligent and often scores the highest in Mathematics in his class .
- 6. Underline the Prepositions and state its kind:( ch.15)**
  - a. The dog is sleeping under the car.
  - b. I go for a walk in the morning everyday.
  - c. The cow jumped across the Fence.
- 7. Complete the sentences using the correct form of verbs in the brackets. Use the verbs in the present tense. ( ch 18)**
  - a. I \_\_\_\_ all the places far and near Jamshedpur.
  - b. My mother \_\_\_\_\_ tasty food ( cook).

## ENGLISH LITERATURE

### TOPIC – Gulliver in the Land Of Giants ( Ch. – 7)

**ACTIVITY: Have you ever been to a long journey by sea?**

Pen down your experience on the same in not more than 150 words.

Or

Make a travel checklist assuming that you are going on a long journey by sea.

1 . WORD BANK ( To be done in the notebook)

- i. voyages
- ii. furious
- iii. blinding
- iv. gruff
- v. crouched
- vi. gigantic
- vii. fascination
- viii. tedious
- ix. trough
- x. bondage
- xi. pages
- xii. summoned

xiii. sprang

2. ANTONYMS:

- i. furious x. calm
- ii. toward x. away from
- iii. bare x. clothed
- iv. horrified x. pleased
- v. gigantic x. tiny
- vi. useless x. useful, beneficial
- vii. tedious x. exciting
- viii. disbelief x. belief

3. State True/ False

- i. The giant ran to the farmer's daughter. \_\_\_\_\_
- ii. The queen was charmed by the manners of Gulliver. \_\_\_\_.
- iii. The queen paid hundred gold pieces to bring Gulliver to the palace. \_\_\_\_\_
- iv. Gulliver was a favourite to the Royal Family. \_\_\_\_\_
- v. The monkey was as bulky as a lion. \_\_\_\_\_

4. Fill in the blanks.

- i. We left the Cape of Good Hope and sailed through the Straits of Madagascar .
- ii. The sailors walked along the beach looking for fresh water.
- iii. She was charmed by my manners and paid a thousand gold pieces.
- iv. I knew it was useless to struggle.
- v. The animal climbed over one side of the boat.

5. Give one word answers:

- i. Who was a surgeon ?  
☆ Gulliver.
- ii. Who stitched clothes for Gulliver?  
☆ The farmer's young daughter.
- iii. Which animal climbed up over one side of the boat ?  
☆ A large frog.
- iv. What was the meaning of Glumdalclitch?  
☆ Little nurse.
- v. Which animal fled to the roof?  
☆ Monkey

6. Question/Answers:

- i. What natural disaster struck the adventure Mafter they crossed the Straits?  
☆ The South -West Monsoon wind sprang up. This wind was furious and the rain fell in binding sheets.
- ii. What did Gulliver notice about the place where they harboured their ship ?  
☆ Gulliver saw from the top of the hill that the country was rocky and bare, without trees or grass .
- iii. What made the scewsail away in a hurry ?  
☆ The crew was being followed by an enormous man, bigger than a giant, so, they sailed away in a hurry.
- iv. Mention five things in the strange land that showed Gulliver was in a land of giants?  
☆ Five things that showed that Gulliver was in the land of giants were :

- The grass in the fields were of twenty feet high.
  - The crop rose up forty feet like tall trees.
  - There were monstrously large men.
  - The corn was high enough for Gulliver to hide .
- ultivated fields were huge in size

v What did Gulliver name the farmer's daughter? Why did he give her that name?

☆ Gulliver called her 'Glumdalclitch ' which in their country meant ' little nurse.'

He named her so because she was kind to him , stitched clothes for him and played with him .

vi Why does Gulliver feel that he was liked at that place ?

☆ Gulliver was a favourite of the Royal Family .The queen was thoughtful about Gulliver , his stay there and had taken care that he was looked ater so that he could regain his health quickly.

Vii ' But here, too, I had an accident.

a. Who is 'I'?

☆ Gulliver is 'I' over here .

b. Where is he ? How did he get there?

☆ He is in a boat sailing in a trough of water. The queen had arranged for t. this rowing exercise for Gulliver and he used to row daily .

c. What is the 'accident ' being spoken of?

☆ Once while Gulliver was sailing in the trough , one of the court pages, while filling the trough , poured in a large frog with one bucket of water. The animal climbed up over one side of the boat .It jumped over Gulliver and almost suffocated him.

## 7.JUMBLED WORDS

i dccainet -

ii rdsow-

iii trouc –

iv eefdmor –

v dwcro –

8.Make sentences:

i terrified-

ii freedom –

iii anchor-

iv stitched –

v fascinated-

Note- The above exercises to be done in English notebook.

## REVISION

TOPICS: Ch.7 – Gulliver in the Land of Giants ( prose)

Dear Mum( poem)

1. Give the meanings of the following words:

a. haunted -

b. Gran-

c. trough-

d. furious-

2. Give the opposites of the following words :

a. Break x \_\_\_\_\_



- b. Sink x \_\_\_\_\_
- c. furiousx \_\_\_\_\_
- d. sink x \_\_\_\_\_

3. Answer the following questions:

i) With reference to the poem 'Dear Mum', what do you think the speaker was doing while his mother was away?

ii) The letter talks of a series of things that have gone wrong. Here are the objects listed below, please write down what happened to these objects:

- a. Cup
- b. Vase
- c. White carpet

iii) What made the crew sail away in a hurry ?

iv) Why does Gulliver feel that he was liked at the palace?

4. Make sentences with the following words:

- a. gigantic –
- b. favourite-
- c. Royal-
- d. Gran-

5. State whether the following statements are True or False:

- a. Gulliver was not liked by the Royal Family. \_\_\_\_\_
- b. The Queen's cabinet – maker made a beautiful box for Gulliver. \_\_\_\_\_

Note- The above exercises to be done in English notebook.

### **Ch-17 PEOPLE FOR HUMAN WELFARE**

Read the chapter thoroughly and learn the underlined difficult words.

Revise the exercises done in the text book.

A. Tick the correct answer.

B. Fill in the blanks with the help of words given in the box.

C. Match the following.

D. Learn the following answers:

1. What did Lord Mahavira preach?

Ans. Lord Mahavira preached the concept of 'Live and Let Live'.

2. How did Kabir spread his message?

Ans. Kabir spread his message of love and brotherhood through dohas (couplets) and bhajans.

3. Whose efforts got the evil practice of sati banned?

Ans. Raja Ram Mohan Roy was a great scholar got the evil practice of sati banned.

4. Write about the welfare work done by Emperor Ashoka.

Ans. Emperor Ashoka built wells, tanks for supply of water. He built shelters for road travellers. And he also planted trees on roadsides.

5. Write about the contribution of India in the field of mathematics.

Ans. India developed number system from one to ten. The Arabs learnt the numeral or number system from us and then spread it in the European countries. The concept of decimal system was also invented in India.

E. Extra questions:

**SOCIAL  
STUDIES**

1. What do you understand by the words Sati and Scholar?  
Ans. Sati: Its a cruel practice in which a widow is burnt alive along with her dead husband's body.  
Scholar: A specialist in a particular branch of study.

2. Which country is the birthplace of many religions?  
Ans. India is the birthplace of many religions.

3. Name some social reformers.  
Ans. Kabir, Raja Ram Mohan Roy, Sir Syed Ahmad Khan, Ramabai Ranade were some social reformers of India.

4. Name some great rulers of India.  
Ans. Ashoka, Akbar and Krishnadevaraya were some great rulers of India.

5. Which system of medicine was invented in India?  
Ans. Ayurveda system of medicine was invented in India.

6. Who was Charaka and Sushruta?  
Ans. Charaka was a great scholar of medicine and Sushruta was a great surgeon of the ancient time.

7. Who were Varahamihira and Aryabhata?  
Ans. Varahamihira and Aryabhata were great mathematicians and astronomers of the ancient times.

8. Which emperor ruled over India about 450 years ago?  
Ans. Akbar ruled over India about 450 years ago.

9. Which emperor ruled over India about 2200 years ago?  
Ans. Ashoka was a great and powerful ruler of India who ruled about 2200 years ago.

10. Which battle made Ashoka to give up war forever?  
Ans. In the Battle of Kalinga, Ashoka saw the bloodshed and he was very sad. He gave up war forever and embraced Buddhism.

11. Who is the pioneer of India's social reform movement?  
Ans. Ramabai Ranade was the pioneer of India's social reform movement.

12. Who built temples at Hampi (now in Karnataka)?  
Ans. Krishnadevaraya built temples at Hampi (now in Karnataka).

13. Name the holy books of the Hindus.  
Ans. The holy books are Vedas, Puranas, Upanishads, Ramayana, Mahabharata and the Bhagwad Gita.

14. Who has founded Islam? Name their holy book.  
Ans. Prophet Muhammad founded Islam. The Quran is their holy book.

15. Name the holy book of Sikhs.  
Ans. Sikhs considered their holy book, 'Guru Granth Sahib' as their eternal guru or teacher.

16. Who has founded Christianity? Name their holy book.  
Ans. Lord Jesus Christ. He preached love and forgiveness. The holy book is Bible.

17. Who has founded Buddhism?  
Ans. Gautama Buddha founded Buddhism which is based on truth and non-violence.

18. Who was the 24th Tirthankara of Jainism?  
Ans. Lord Mahavira was the 24th Tirthankara of Jainism.

19. Name the holy book of Parsis .  
Ans. Zend Avesta is the holy book of Parsis which teaches people to be good and help others.

20. What do you understand by the word 'Navratnas'?

Ans. Akbar appointed nine learned men from different fields, called 'Navratnas'.

### CH-16 OUR RICH HERITAGE

**\*READ THE CHAPTER AND UNDERLINE THE DIFFICULT WORDS AND WRITE THEM IN THE NOTEBOOK**

**\*Write the keywords along with their meanings in the notebook.**

**\*Do the exercise :**

A. Tick the correct answer.

B. Fill in the blanks with the help of words given in the box

C. Match the following

D. Answer the following questions:

1.Name any four languages which have been recognized as our official languages.

Ans: The four languages which have been recognized as our official languages are:-

Hindi, Bengali, Malayalam and Punjabi.

2.What are folk dances?

Ans. Folk dances are performed on special festive occasions, family functions and harvest festivals.

3.Name any four musical instruments used in the Hindustani music.

Ans. The four musical instruments used in the Hindustani music are:- Sitar, Sarod, Table and Flute.

4.Define miniature painting.

Ans. A style of painting introduced during the Mughal period.

5.Name any three ancient temples of India.

Ans.The three ancient temples of India are:- Madurai, Belur and Konark.

**\*EXTRA QUESTIONS:**

1.What are the two forms of Indian classical music?

Ans. India has two forms of classical music- Hindustani music and Carnatic music.

2.What is heritage?

Ans. Something created in the past which will remain important for an individual or a country is known as heritage.

3.Define Yakshagana .

Ans. Yakshagana is a traditional theatre form which includes dance,music, and dialogue. It is popular in Karnataka.

4.Define a script.

Ans: Particular system of writing a language is known as Script.

5.Name the languages written from right to left.

Ans: Kashmiri,Urdu and Sindhi are written from right to left.

### Writing and Arithmetic with Logo

#### Descriptive Type Questions

1. Which command writes any text or number in the recall list box?

Ans. The PRINT command is used to write any text or number in the recall list box.

2. Which command writes any text or number on the Logo main screen?

Ans. The LABEL command is used to write any text or number vertically on the Logo main screen.

3. What does the command LABEL [ I LIKE PLAYING COMPUTER GAMES ] do?

**COMPUTER**

Ans. This command will print I LIKE PLAYING COMPUTER GAMES on the screen.  
 4. Write the command used to clear text in the recall list box.  
 Ans. The CLEARTEXT command is used to clear the text in the recall list box.  
 5. Write the arithmetic operators used in Logo commands.  
 Ans. The arithmetic operators used in Logo commands are:

1. + ( Addition)
2. - ( Subtraction)
3. \* ( Multiplication)
4. ÷ (Division)

6. Write the full forms of the following LOGO Commands:  
 Ans .LOGO Commands Full Forms

PR	Print
FD	Forward
BK	Backward
PU	Pen Up
PD	Pen Down
RT	Right Turtle
LT	Left Turtle
HT	Hide Turtle
ST	Show Turtle
CS	Clear Screen
CT	Clear Text

### TIME TRAVEL

#### Quick warm-up (Pg-35)

- 1. Which Gate was constructed in the memory of 90000 Indian soldiers dying in the World War 1 ?**  
India Gate
- 2. When was Victoria Memorial opened by Prince of Wales ?**  
28 December 1921
- 3. Which city of Madhya Pradesh is associated with Kumbh Mela ?**  
Ujjain
- 4. Which city was originally known as Madhurapuri?**  
Madurai
- 5. Who built Jama Masjid of Delhi ?**  
Shah Jahan

G.K

### CONNECTING PORTS (Pg-40,41)

- 1. This largest suspension bridge was built in 1937.**  
Golden Gate Bridge- San Fransico,USA
- 2. It is a trans-oceanic bridge that host six expressway lanes in two direction.**  
Hangzhou Bay Bridge- Jiaxing,China
- 3. This arch-sharped bridge in the southern hemisphere is also called ‘Coathanger’ because of its shape.**  
Sydney Harbour Bridge- Sydney,Australia
- 4. This Bridge is a cable stayed bridge and the tallest bridge in the world.**  
Millau Viaduct- Millau,France

5. **It is a hybrid cable suspension bridge and is one of the oldest roadway bridges. It was the first Steel wire suspension bridge constructed.**

Brooklyn Bridge- New York,USA

**FACE TO FACE**

**Guess the person with their given description:-(Pg-52)**

1. **He is set to address once-in-five year Communist Party in China.**  
Xi Jinping
2. **She has been chosen as the captain of ICC Women's World Cup 2017 team ?**  
Mithali Raj
3. **He pressed Pakistan to increase its efforts to eradicate militants and terrorists operating from its country.**  
Rex Tillerson
4. **She heads the association that won the Nobel Peace Prize in 2017.**  
Beatrice Fihn
5. **He scored two successive hat trick for England in the semi-finals of under-17 FIFA tournament which is being hosted for the first time in India.**  
Rhian Brewster

**THE FLAGS (Pg-63)**

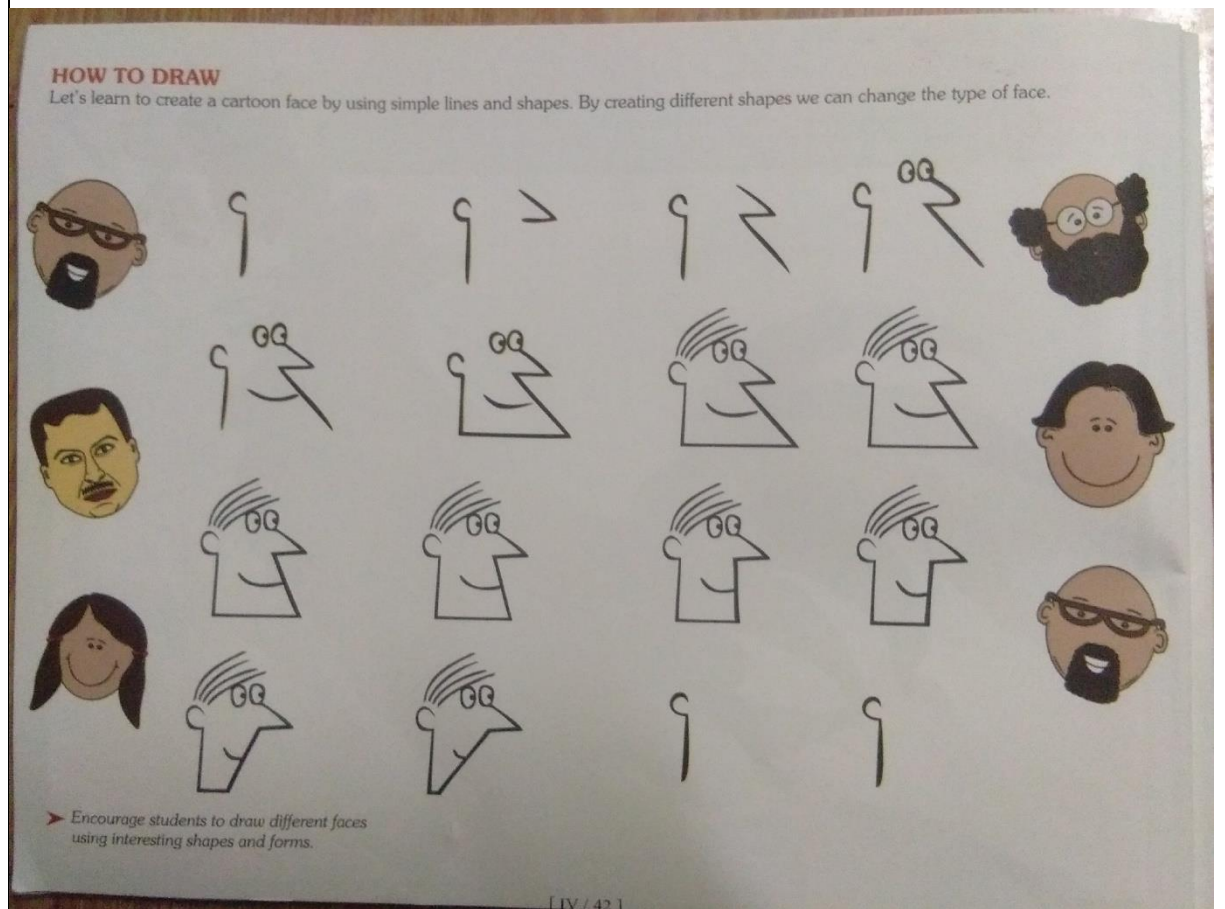
1. Nepal
2. United States of America
3. Canada
4. Japan
5. India

**THE INDIAN HERITAGE (Pg-76,77)**

1. Ganga Dynasty
2. Bhimbetka
3. Bekal Fort
4. Chitradurga Fort
5. Kareng Ghar
6. Chand Bawri
7. Unakoti
8. Hanging Pillar

**Homework :** Mera Aadhar,Meri Pehchaan (Pg-42,43)

as per instruction given in your drawing book.



**Dr. Rachana Nair**  
**Director Academics**