



# We and our Environment

(A Book of Environmental Studies)



Written by :  
**Amit Gupta**  
M.Sc.

## HEIP-KIT 1-5



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## Environment Awareness - 1

### Unit-1 About Me and My Body

#### Chapter-1 All About Me

Do yourself.

#### Chapter-2 Meet My Family

Do yourself.

#### Chapter-3 My Body

**Write in the circles how many of each of these body parts we have.**

Toes 2, Thumbs 2, Fingers 10, Nose 1, Mouth 1, Eyes 2, Hands 2, Arms 2, Legs 2

**Rearrange the following letters to form the names of different parts of your body.**

LGE : LEG, YEE : EYE, NCKE : NECK, FTOO : FOOT, NEKE : KNEE, SEON :

NOSE, GREFNI : FINGER, DHNA : HAND, OTE : TOE

#### Chapter-4 My Sense Organs

**Label the sense organs on the given face with the help of given words.**

eyes, nose, skin, ears, tongue

**Find out the names of five sense organs in the given word search. Circle them.**

EYE, TONGUE, SKIN, NOSE, EARS

**Eyes**

**Look at the given objects and write their colours.**

Yellow, Green, Grey, Red, Purple

**Ears**

**Hear the sounds carefully and write what type of sound they produce; soft or loud?**

Soft, Loud, Loud, Loud, Soft, Loud

**Nose**

**Tongue**

**Skin**

Do yourself.

Do yourself.

Do yourself.

### Unit 2 My Body

#### Chapter-5 Looking After My Body

Do yourself.

#### Chapter-6 My Home

##### Parts of a House

**Complete the names of different parts of a house.**

ROOF, WINDOW, WALL, DOOR, FLOOR

**Draw or paste the pictures of things you find in the given rooms.**

Do yourself.

### **Unit 3 Our Needs**

#### **Chapter-7 Food and Water**

**Complete the names of food you eat.**

egg, bread, milk, rice, pizza, dosa

**Join the dotted lines and colour the picture of fruit given below.**

Do yourself.

#### **Meals in a Day**

**Fill in the missing letters.**

**1. ORANGE 2. MILK 3. BISCUITS 4. CHEEZE 5. EGGS**

#### **Sources of Water**

**Find the names of sources of water in given word search.**

RAIN, POND, SEA, RIVER, OCEAN

**Cross (X) the people who make water dirty.**

Do yourself.

#### **Chapter-8 Clothes**

**Colour the clothes you like to wear.**

Do yourself.

**Write 'S' for clothes you wear in Summer season, 'W' for Winter season and 'R' for Rainy season.**

Do yourself.

#### **Uniforms**

**Write the name of the people wearing their respective uniforms with the help of words given in the box.**

baker, doctor, soldier, postman, fireman, policeman

**Draw or paste the picture of your school uniform.**

Do yourself.

#### **Chapter-9 My School**

**Colour the picture of school.**

Do yourself.

#### **Rooms in a School**

**Look at the pictures. Tick (✓) the pictures that show the things you do at school.**

Do yourself.

#### **Classroom**

Do yourself.

#### **People Work in School**

**Match the following.**

The principal : is the head of the school., The teacher : teaches us many things., The librarian : looks after the library., The gardener : looks after the garden., The sweeper : keeps the school clean., The peon : rings the bell.

## **Chapter-10 My Neighbourhood**

### **Places in Our Neighbourhood**

**People of different religions go to different places to pray.**

**Where do you go to pray?**

Temple

**Tick (✓) the places that are in your neighbourhood.**

Do yourself.

**Find out more about your four friends in your neighbourhood. Complete the chart with that information.**

Do yourself.

**Tomorrow you have to go for shopping in a supermarket. Make a list of things you will buy from there in the given bag.**

Do yourself.

## **Chapter-11 People Who Help Us**

**Paste or draw the picture of tools used by the given people.**

Do yourself.

**Circle the correct person according to clues.**

**1. Doctor 2. Carpenter 3. Cobbler 4. Plumber**

## **Chapter-12 Festivals**

**Colour the picture of diya beautifully.**

Do yourself.

**With the help of given words name these festivals given below.**

Raksha Bandhan, Holi, Diwali, Dussehra, Pongal, Easter

**Join the dots and colour the picture of National Flag.**

Do yourself.

**Write down the names of months in which we celebrate these festivals.**

**Republic Day : January, Holi : March, Independence Day : August, Dussehra : October, Diwali : October, Christmas : December**

**Complete the puzzle with festivals names.**

**1. EID 2. DIWALI 3. CHRISTMAS 4. HOLI 5. GURUPURAB 6. DUSSEHRA**

## **Chapter-13 Means Of Transport**

**Colour your cycle with your favourite colours.**

Do yourself.

**Land Transport**

**CYCLE, SCOOTER, BUS, CAR, TRUCK, RICKSHAW, TRAIN**

**Circle the names of vehicles under the correct category.**

Cycle, Scooter, Rickshaw, Autorickshaw, Car, Tractor, Bus, Truck

## **Water Transport**

Do yourself.

## **Air Transport**

Do yourself.

**Fill in the blanks with names of the vehicles.**

bicycle, autorickshaw, bus, aeroplane, boat

## **Chapter-14 Safety Rules**

**Colour the given traffic light.**

Do yourself.

**Follow these safety rules at home.**

Do yourself.

**Colour the things you should stay away from.**

Do yourself.

**Cross (X) the wrong actions in the given kitchen.**

Do yourself.

**Safety is needed while going to school in the bus. Do you follow these simple rules? Answer in 'Yes' or 'No'.**

Yes, No, No, No, Yes

## **Unit 6 Other Lives Around Us**

### **Chapter-15 Plant Life**

**Cut a lady finger into two with the help of an adult. Paint the cut parts in different colours and press them in the given tree.**

Do yourself.

**Write 'T' for Trees, 'S' for Shrubs, and 'H' for Herbs, 'CL' for Climbers and 'CR' for Creepers.**

Do yourself.

### **Parts of Plants**

Do yourself.

**Find the names of given flowers in the word grid.**

MARIGOLD, HIBISCUS, LILY, TULIP, ROSE, JASMINE, LOTUS

**Write the names of fruits in correct column.**

**Fruits with one seed :** Litchi, Mango, Grapes

**Fruits with many seeds :** Papaya, Watermelon, Peach

### **Chapter-16 Animal Life**

**Look at these animals and list down differences between them.**

Hippo **big**, Pigeon **small**

Hippo **no**, Pigeon **yes**

Hippo **walk**, Pigeon **fly**

Hippo **yes**, Pigeon **no**

**Do you have a pet? Paste its picture and write its name below.**

Do yourself.

**Read the clues and name the animal.**

Giraffe, Monkey, Lion, Sheep, Cock

**What Animals Eat**

**Match the animals to the food they love to eat.**

Do yourself.

**Name the houses of given animals with the help of words given below.**

Coop, Nest, Shed, Aquarium, Den, Pen, Kennel, Stable, Burrow

**From the pictures given below, count and write the number of.**

Wild animals - 2, Pet animals - 3, Insects - 4, Birds - 3, Animals that live in water - 1

**Use your thumb and small finger tip impression to make bees, butterflies, birds, etc., your notebook.**

Do yourself.

## **Unit 7 Our Environment**

### **Chapter-17 The Earth and The Sky**

**Colour the earth.**

Do yourself.

**Colour the given picture carefully.**

Do yourself.

#### **The Sky**

**Write down the activities you do during day time or night time in correct column.**

**Day Time :** Read newspaper, Go school, Water plants

**Night Time :** Sleep, Dinner, Evening walk

**Draw the second half of these things we see in the sky.**

Do yourself.

### **Chapter-18 Weather and Seasons**

**Look at the given pictures and write what type of weather you see in the given pictures.**

Do yourself.

**Which activities you do in summer season or in winter season? Write below.**

Summer season, Winter season, Summer season, Winter season, Summer season, Winter season

### **Test Paper-1**

**A. Choose the correct option.**

1. a 2. c 3. a 4. c

**B. Fill in the blanks.**

1. four 2. food 3. Cotton 4. classroom

**C. Match the following columns.**

Do yourself.

**D. Write T for True and F for False.**

1. T 2. F 3. T 4. F

**E. Name any two.**

1. tongue, nose 2. vegetables and fruits 3. shirt, pant 4. drawing room, living room

**F. Find the names of body parts in the given word grid.**

FOOT, HEAD, TOE, NOSE, LEGS, EYE, EAR, MOUTH, HAND

**Test Paper-2**

**A. Choose the correct option.**

1. b 2. c 3. a 4. a

**B. Fill in the blanks.**

1. Trains 2. shrub 3. domestic 4. earth

**C. Match the following columns.**

Do yourself.

**D. Write T for True and F for False.**

1. T 2. F 3. T 4. F

**E. Name any two.**

1. aeroplane, helicopter 2. ship, boat 3. car, bus 4. Diwali, Holi

**F. Find the names of plants in the given word grid.**

JASMINE, NEEM, CACTUS, MINT, GRAPE, TULSI, ROSE, LILI



## Environment Awareness - 2

### Unit 1 About Me and My Family

#### Chapter-1 More About Me

Do yourself.

#### Chapter-2 Meet My Family

##### My Family Tree

Do yourself.

##### Our Relatives

**Find out the names of your relatives in the given word grid with the help of clues.**

1. uncle 2. aunt 3. grandfather 4. grandmother 5. brother 6. sister 7. uncle

**Write below by what name you call your family members.**

Do yourself.

##### Family at Work

Do yourself.

### Unit 2 My Body

#### Chapter-3 Parts of a Body

##### External Body Parts

Do yourself.

**Circle the activities you can do with the given sense organ.**

watch, read, listen, breathe, smell, talk, taste

##### Taking Care of Our Body

Do yourself.

### Unit 3 Our Needs

#### Chapter-4 House to Live

**Complete the names of different rooms of a house.**

BEDROOM, BATHROOM, KITCHEN, DRAWING ROOM, DINNING ROOM

**Read the clues and write the names of the houses.**

1. Single storeyed house 2. Caravan 3. Igloo 4. Apartment 5. Houseboat

#### Chapter-5 Food to Eat

**Write down the names of food items that are prepared from rice in your house.**

**Take te help of your mother.**

Do yourself.

**Complete the given table with the names of pulses and their colours.**

Do yourself.

**Read the riddles and name the fruit or vegetable.**

APPLE, TOMATO

**Look at the pictures of different foods. Circle with red pencil for energy-giving food, blue pencil for body-building food and green pencil food protective food.**

Do yourself.

**Write P for foods we get from Plants and A for foods we get from Animals.**

Do yourself.

**Meals In Day**

Do yourself.

**Healthy Food Habits**

Do yourself.

## **Chapter-6 Air and Water**

**Colour the things that have air in it.**

Do yourself.

**Polluted Water**

**Suggest some ways to keep water clean.**

**1.** We should not throw waste in rivers. **2.** We should not wash our clothes directly in the river. **3.** We should not leave our animals in rivers for bathing.

**Save Water**

Do yourself.

## **Chapter-7 Clothes We Wear**

**Paste the pictures of clothes you like to wear.**

Do yourself.

**Uniforms**

Do yourself.

## **Unit 4 My Society and My Culture**

### **Chapter-8 Life in the Neighbourhood**

**Complete the given table.**

Do yourself.

**Vishal writes a letter for his grandmother. Put the correct numbers to show how his letter reaches the correct place.**

Do yourself.

**Look at the given picture of park and write the things people are doing in the park.**

Playing football., Playing on the see-saw., Sitting on the bench., Swimming

**To which shop your mother go in shopping mall for buying given items. Match them.**

Books : Stationary shop, Teddy bear : Gift shop, Shirt : Garments shop, Mobile phone : Electronic shop, Ice cream : Ice cream parlour

**Places of Worship**

Do yourself.

## **Chapter-9 Our Helpers**

**There are many people who help us at school. Read the clues and complete their names.**

PEON, TEACHER, LIBRARIAN, PRINCIPAL, NURSE, SWEEPER, GARDENER

**Match the following people with their work.**

Architect : designs houses, Farmer : grow crops, Florist : sells flowers, Chef : cooks delicious dishes, Mason : makes houses, Painter : paints houses, Stationer : sells books, pencils, fevicol, etc. Greengrocer : sells fruits and vegetables

## **Chapter-10 Festivals We Celebrate**

**Colour the given picture of rangoli we use to make on different festivals.**

Do yourself.

**Colour the given picture of Red Fort.**

Do yourself.

**Find the names of things related to these festivals.**

Do yourself.

**Some festivals are related to particular place. Match the given festivals with their places.**

Do yourself.

## **Unit 5 Travel and Safety**

### **Chapter-11 Our Transport**

#### **Land Transport**

Do yourself.

#### **Air Transport**

**Look at the pictures of different vehicles. Write which fuel is used by each vehicle.**

Human power, Diesel, Electric power, Fuel

### **Chapter-12 Directions and Time**

**Look at the given clock and write the times shown in clocks.**

2:00, 3:00, 9:00, 6:00, 12:00, 11:00, 4:00, 7:00, 10:00

### **Chapter-13 Safety First**

Do yourself.

## **Unit 6 Other Lives Around Us**

### **Chapter-14 Amazing Plants**

Do yourself.

## **Chapter-15 Amazing Animals**

**What type of animals are these? Write below each of the following.**

Wild animal, Bird, Insect, Pet animal, Farm animal, Aquatic animal

### **Animals Help Us**

**Who am I?**

Yak

**Complete the comparison.**

1. Honey 2. Silk 3. Milk 4. Cake

**Fill in the blanks.**

1. many 2. milk 3. beat 4. food 5. skin 6. wool 7. honeybee 8. Camel 9. hole 10. yak

## **Unit 7 Our Environment**

### **Chapter-16 The Solar System and Our Earth**

**Draw the things you see in the sky at the following times.**

Do yourself.

**Deserts can be hot or cold. Name two hot deserts and cold deserts in the world.**

**Hot deserts :** Thar, Sahara

**Cold deserts :** Ladakh, Kashmir

### **Chapter-17 Weather and Seasons**

Do yourself.

### **Chapter-18 I Love My Country**

Do yourself.

### **Test Paper -1**

**A. Tick (✓) the correct option.**

1. a 2. b 3. b 4. a

**B. Fill in the blanks.**

1. plants, animals 2. Rain 3. woollen 4. shops

**C. Write T for True and F for False.**

1. T 2. F 3. T 4. F

**D. Match the following columns.**

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

**E. Give two examples of each of the following.**

1. potato, rice 2. milk, cheese 3. peon, sweeper 4. cow, goat

**F. Answer the following questions.**

1. A family is a group of people who are related to each other. 2. Bones combine to form framework called skeleton. 3. House made of mud, clay, straw, dry leaves etc., are called kutch house. 4. Postman brings our letters.

**G. Look at the given pictures of houses and write their names.**

Kutch house, Bungalow, Houseboat, Caravan, Tent, Igloo

**Test Paper -2**

**A. Tick (✓) the correct option.**

1. b 2. c 3. a 4. b

**B. Fill in the blanks.**

1. wild 2. Sun 3. hot 4. Tricolour

**C. Write T for True and F for False.**

1. T 2. F 3. T 4. F

**D. Match the following columns.**

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

**E. Give two examples of each.**

1. Rice, Wheat 2. Turmeric, Clove 3. Peacock, Sparrow 4. Ant, Butterfly

**F. Answer the following questions.**

1. First look left, then right and again to your left, If road is clear then cross the road at zebra crossing. 2. Animals who live both on land and in water. 3. A model of Earth is a globe. 4. Weather is the condition of air at a particular time or place.

**G. Name these national symbols.**

Tricolour, Banyan Tree, Lotus, Mango, Peacock, Tiger

## Environment Awareness - 3

### Unit 1 My Family

#### Chapter-1 My Family

**A. Choose the correct option.**

1. a 2. c 3. b 4. b

**B. Fill in the blanks.**

1. mother 2. first 3. boy 4. extended

**C. Answer the following questions.**

1. Family in which children live with single parents either mother or father is called single-parents family. 2. It is a chart of family members that shows the relationship between different members of a family. 3. Members of the same family may have similar habits or facial features they may have the similar habits or characteristics too such characteristics are called family traits. 4. Family members who stay with us form our immediate family while family who do not stay with us are called extended family.

**Think and Answer**

Family members of some family resemble each other when they are twin.

**Life Skills and Values**

Do yourself.

**Creative Corner**

Do yourself.

### Unit 2 Work and Play

#### Chapter-2 Different People Different Work

**A. Choose the correct option.**

1. a 2. c 3. c 4. b

**B. Write Yes or No.**

1. No 2. Yes 3. Yes 4. Yes

**C. Answer the following questions.**

1. Any kind of work a person does to earn money is called his or her occupation. 2. People who help us at home are called domestic helpers. 3. People who make things by hand are called craftsmen. 4. Making children under the age of 14 do work is called child labour.

**Think and Answer**

To learning reading and writing and new activities it is important to go to school.

**Life Skills and Values**

Do yourself.

**Creative Corner**

Do yourself.

### Chapter-3 Playing is Fun

**A. Choose the correct option.**

1. c 2. c 3. c 4. a 5. c

**B. Answer the following questions.**

1. Doing things we like to do in our free times is called recreation. 2. The games which are played inside the house, hall or auditorium are called indoor games. 3. The games which are played outside in an open area like grounds or station are called outdoor games. 4. Peoples who play the games to earn money is called sports persons.

**C. Match the following pictures with the games.**

Do yourself.

**Think and Answer**

Games keep us healthy and fit so, games and sports are beneficial to us.

**Life Skills and Values**

Do yourself.

**Creative Corner**

Do yourself.

**Unit 3 Our Needs**

**Chapter-4 Houses**

**A. Choose the correct option.**

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

**B. Write Yes or No.**

1. No 2. No 3. No 4. Yes 5. Yes

**C. Answer the following questions.**

1. A house protect us from heat, cold, rain and other bad weather conditions. 2. A Kuchcha house is made up of mud, straw, bamboo, sticks and reeds. We see Kuchcha houses mostly in villages. 3. A good house should be properly ventilated so that we get enough fresh air to breathe. A house should have proper interlocking system to keep safe of secure. 4. (i) The floor of house should be cleaned. (ii) Toilet and bathroom should be cleaned with disinfectant. 5. People living in cities decorate their houses using various objects, such as lamps paintings, wind chimes etc.

**Think and Answer**

We hang wind chains on our doors to decorate our house and neglect to negative powers.

**Life Skills and Values**

Do yourself.

**Creative Corner**

Do yourself.

**Chapter-5 Sources of Food**

**A. Choose the correct option.**

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

**B. Match the following columns.**

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

**C. Answer the following questions.**

**1.** Food comes from plants and animals. **2. Roots :** carrot, radish, turnip, beetroot etc. **Leaves :** spinach, lettuce, coriander, cabbage etc. **3.** Milk, eggs and meat are some animal products. **4.** People who do not have any animal produce including milk and butterfly are called vegans. **5.** A diet which includes energy-giving, body-building and protective foods in the right amount is called a balanced diet.

**Think and Answer**

Plants are the good sources of food and oxygen for all living things. Life will become impossible on the Earth without plants.

**Life Skills and Values**

Do yourself.

**Creative Corner**

Do yourself.

**Chapter-6 Cooking Food**

**A. Choose the correct option.**

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

**B. Which methods of cooking should be used for the following?**

1. Steaming 2. Baking 3. Roasting 4. Frying 5. Boiling

**C. Answer the following questions.**

**1.** Cooking means preparing food to make it ready for eating. Cooking makes the food soft, tasty and easy to chew and digest. It also kills the diseases causing germs in food. **2.** Food can be cooked by boiling, baking, frying, roasting, grilling and steaming. **3.** Cooking vessels are called utensils. Utensils come in different size and shape. Three utensils are : **(i)** cooker **(ii)** tawa **(ii)** spatula **4.** Utensils are made up of materials like steel, cooper, aluminium, brass, and iron. **5.** People living in towns and cities use a gas stove or oven to cook food. Gas stoves work on LPG oven works on electricity.

**Think and Answer**

Yes, it is possible. Microwave oven works on electricity.

**Life Skills and Values**

While cooking follow some safety rules. **(i)** Use path holders or oven mitts when handling hot pots, pans or baking trays. **(ii)** Turn pot and pan handles towards the back of the gas-stove so you would not knock them over by accidents. **(iii)** Get help from an adult when using a gas-stove.

**Creative Corner**

Boiling, Baking, Roasting, Steaming, Grilling, Frying

**Chapter-7 Water**

**A. Choose the correct option.**

1. c 2. a 3. c 4. c 5. c

**B. Write Yes or No.**

1. Yes 2. No 3. No 4. No 5. Yes

**C. Answer the following questions.**

**1. (i)** We need water for drinking, bathing cooking etc. **(ii)** Water helps in making food. **(iii)** It keeps our body cool during summers. **2.** Plants need water to



preparing their food and to carry nutrients from soil to their photosynthesis different parts. **3.** Animals need water to drinking and bathing. **4.** Oceans, seas, rivers, ponds, wells, tap are the different sources of water. **5.** Every city has Water Work Department which is responsible for water supply in whole city.

### **Think and Answer**

Do yourself.

### **Life Skills and Values**

Typhoid, cholera, jaundice, etc., diseases are causing by germs. This problem of water. We can reduce to boil and filtered it.

### **Creative Corner**

Do yourself.

## **Chapter-8 Storing and Saving Water**

### **A. Choose the correct option.**

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

### **B. Fill in the blanks.**

1. 97% 2. bucket 3. solid 4. clouds 5. water

### **C. Answer the following questions.**

1. Three containers in which we can store water are bottles, buckets and tanks.

2. The main causes of water shortage is drying up of rivers due to heat of summers and lack of rainfall, Increasing population which led to more demand of water, wastage of water due to careless uses and water pollution. **3.** Three different forms of water : **(i)** Solid **(ii)** Liquid **(iii)** Gas **4. (i)** Do not keep tap running while brushing your teeth. **(ii)** Get the leaked water tap repaired.

**(iii)** Close taps properly after use. **5.** In rain water harvesting, big containers or tanks can be kept in open to collect rain water. This rain water is filtered and purified for further use. **6. (i)** The water in oceans, seas get heated by the sun and changes into water vapours. **(ii)** This water vapours is rises up in the sky and comes in to the contact with cool air and then form tiny droplets of water. **(iii)** These tiny droplets of water join together to form clouds. On further cooling, these drops get bigger and fall down on the Earth. **(iv)** This rainwater flows back into oceans, seas and rivers then it goes up again as water vapours and the cycle continue.

### **Think and Answer**

We should store water in clean and covered containers because in open containers germs can entered and make it contaminate.

### **Life Skills and Values**

Do yourself.

### **Creative Corner**

Do yourself.

## **Unit 4 Transport and Communication**

### **Chapter-9 Means of Transport**

#### **A. Choose the correct option.**

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

**B. Write Yes or No.**

1. Yes 2. No 3. Yes 4. No 5. Yes

**C. Answer the following questions.**

1. In earlier times people used to walk on foot to go from one place to another. With the passes of time people start using animals like horse, donkey, camel etc., to travel or carry their loads. After the invention of wheel, people start using wheeled vehicles. Later advanced engines are invented and more comfortable vehicles are developed. These vehicles run by using fuels like petrol, diesel, Compressed Natural Gas (CNG) etc. 2. In villages people use bullock cart or tonga to move from place to place. Camels are used for travelling in the deserts. 3. Those vehicles that move on road like bicycle, scooter, motorcycle, car, bus, truck, etc., are called land transport. 4. Aeroplanes and gliders are the means of air transport. 5. Ports are the places where boats and ships can transfer people or loads to or from land.

**Think and Answer**

We cannot cover long distances by tongas because it is a slowest mean of transport.

**Life Skills and Values**

CNG or Compressed Natural Gas is a pollution free fuel which is used in vehicles.

**Creative Corner**

**Name the vehicles.**

a. AMBULANCE b. FIRE BRIGADE c. PLOUGH

**Chapter-10 Means of Communication**

**A. Choose the correct option.**

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

**B. Fill in the blanks.**

1. hands 2. messages 3. E-mail 4. mass 5. Internet

**C. Answer the following questions.**

1. Communication means exchanging of ideas, information, feelings etc. It helps us to keep in touch with our friends, relatives and rest of the world. 2. Early humans used signs or imitated sounds by animals and birds to communicate. 3. (i) Write a letter on plain paper then put it in a stamped envelop. (ii) Next, write the address of your friend with pin code number on the envelope. (iii) Then put the letter in a letter box. (iv) The postman collects all the letters from the letter box. (v) The postman takes these letters to the post office there they are sorted according to the place they have to reach. The letters are stamped and put into different mail boxes. (vi) The letters are then loaded into mail vans and taken to the railway station airport or port. From there letters are again stamped and sorted according to the areas. (vii) The postman of that area takes the letter and delivers it to the writer address. 4. E-mail is the fastest and easiest way of sending message and pictures anywhere or anytime. E-mail just only need a computer, an internet connection and an e-mail id. 5. Mass communication refers to communicate with many people at same time.

**Think and Answer**

Writing letter is the better way because it is the cheapest means of communication.

## Life Skills and Values

Do yourself.

### Creative Corner

Do yourself.

## Chapter-11 Maps and Directions

### A. Choose the correct option.

1. a 2. c 3. a 4. b

### B. Answer the following questions.

1. A landmark is a feature of a landscape that is easily recognized from a distance.. 2. Maps are the drawings of places on paper. They show the locations of different places. 3. (i) A map gives a small picture of a very large area. (ii) A map helps us to find the places where we have not visited before. (iii) It helps us to find the distance between two places. 4. Maps that show details of a small area such as room, a part of a house or building are called plans. 5. A sketch is a rough drawing of a place. It uses no scale. However, a map is a drawing of a place on a paper and it shows the location of different places. A sketch is a rough drawing of a place and plan shows the details of a small area.

### B. Match the columns.

See picture in the book on Page No 66.

### Think and Answer

Do yourself.

## Life Skills and Values

We shall tell him the right direction for him/her help.

### Creative Corner

Do yourself.

## Unit 5 Other Lives Around Us

### Chapter-12 World Of Plants

### A. Choose the correct option.

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

### B. Write Yes or No.

1. No 2. No 3. Yes 4. Yes 5. Yes

### C. Answer the following questions.

1. Some plants need support because they have weak stems like climbers need support to climb up such as a wall or plant. 2. Plants like lotus, waterlily, hydrilla, water hyacinth etc grow in water. They are called water or aquatic plants. Plants like acacia, cactus, date palm etc grow in deserts. they are called desert plants. 3. Earlier some plants like strawberry, kiwi, broccalli, avocado, etc., were not grown in India. 4. We get food, spices, furniture, perfumes, medicines, cooking oil, mehndi and indigo from plants. 5. Wood from trees like teak, sheesham, oak are used to make furniture.

### Think and Answer

Do yourself.

## Life Skills and Values

Do yourself.

### Creative Corner

Do yourself.

## Chapter-13 Leaves

### A. Choose the correct option.

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

### B. Fill in the blanks.

1. big 2. oval 3. stomata 4. roots 5. Leaves of indigo and mehndi

### C. Answer the following questions.

1. Do yourself. 2. The process of making food in plants using sunlight, carbon dioxide gas and water by chlorophyll is called photosynthesis. 3. Leaves fall everyday but most of the plant shed their leaves during autumn season. 4. (i) Leaves of indigo and Mehndi are used to make dye. (ii) In South India, leaves of banana are used as plates to serve food. (iii) We use leaves of some plants to add flavour in our food like curry leaves, bay leaves, coriander etc. 5. After fall, the leaves become dry and then collected in a pit called compost pit.

### Think and Answer

The silkworms feed on mulberry leaves.

## Life Skills and Values

Do yourself.

### Creative Corner

Do yourself.

## Chapter-14 World Of Animals

### A. Choose the correct option.

1. b 2. c 3. b 4. c 5. c

### B. Write Yes or No.

1. Yes 2. No 3. Yes 4. Yes 5. Yes

### C. Answer the following questions.

1. There are different types of animals. They are of different shape and size. (i) very big animals (ii) big animals (iii) small animals (iv) very small animals 2.

Herbivores	Carnivores
Animals like cow, goat, horse, elephant etc. eat only plants and their parts. They are called Herbivores.	Animals like cheetah, lion, eagle, owl, etc hunt animals and eat their flesh they are called carnivores.

3. Some animals like hyena and Vulture eat the flesh of dead animals. They are called scavengers. 4. Kangaroos use their tails to balance their body while sitting on their hind limbs and lizards use their tails to fool other animals into grabbing the tail when they try to eat them. 5. There is a danger that some animals may

completely disappear from our earth. Such animals are called endangered animals.

**Think and Answer**

Do yourself.

**Life Skills and Values**

Do yourself.

**Creative Corner**

Do yourself.

**Chapter-15 Creepy Crawlies**

**A. Choose the correct option.**

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

**B. Write Yes or No.**

1. Yes 2. Yes 3. Yes 4. Yes 5. No

**C. Answer the following questions.**

1. Tiny animals like ant, butterfly, bedbug etc., are called insects. 2. Features of insects : (i) They have six legs to crawl and walk. (ii) Their body is divided into three parts : head, thorax and abdomen. They have no bones in their body 3. Tiny animals like earthworm, centipede, millipede, leech, etc, are called worms. These animals have no bones. They have flat head and long soft body divided into many segments. 4. Snakes have no legs and no arms. They move their body by pushing their body against the rough ground, scraping it with their rough scales. This movement is called slithering. 5. Lizards are commonly seen crawling on the walls of the houses. They eat mosquitoes, flies and spiders. They use their tongue to catch their food.

**Think and Answer**

Ants are social animals. They live with other ants. They eat almost everything.

**Life Skills and Values**

Do yourself.

**Creative Corner**

Do yourself.

**Chapter-16 Birds**

**A. Choose the correct option.**

1. c 2. a 3. c 4. a 5. c

**B. Match the following columns.**

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

**C. Answer the following questions.**

1. Wings, beaks, legs and claws are the different parts of a bird. 2. The wings are the modified forelimbs. They move in two special ways called upstroke and downstroke. In upstroke, stroke the wings are pushed downward and forward

these strokes lift the bird into the air and the bird flies. **3.** The three types of feathers are : **(i)** Body feathers **(ii)** Down feathers **(iii)** Flight feathers **4.** (a) Eagle have strong, sharp and hooked beak. (b) Kingfisher have broad and pointed beak. (c) Parrots have curved beak. (d) Duck have broad and flat beak. **5.** To escape from the existence cold conditions. Some birds fly long distance to warmer places every year such birds are called migratory birds.

### **Think and Answer**

Parrots eat nuts and seeds. To crack the hard shell of nuts, they have sharp and hooked beak.

### **Life Skills and Values**

Do yourself.

### **Creative Corner**

Do yourself.

## **Chapter-17 Pottery**

### **A. Choose the correct option.**

1. b 2. c 3. c 4. b

### **B. Write Yes or No.**

1. No 2. Yes 3. Yes 4. Yes

### **C. Answer the following questions.**

**1.** The art of making different items using clay is known as pottery. **2.** When the clay was rolled between the palms into then to make pets, long rope-like strips which were coiled into the shape of a pot. This process is called coiling. **3.** After coiling, the pot was baked in the fire to make it strong. This process is called firing. Yes, it is very important. **4.** Potter's wheel is a flat, round wooden or metal surface that turns when the potter shapes clay on it. **5.** The potters first kneads clay then place it at the centre of the wheel. He spins it at fast speed and gives desired shape of the clay using his hands. Once the pot is ready, It is removed with the help of thread and let it dry. To make it strong, it can be baked in a kiln. After that it is polished and painted.

### **Think and Answer**

Diya

### **Life Skills and Values**

Do yourself.

### **Creative Corner**

Do yourself.

## **Unit 6 Crafts of Life**

### **Chapter-18 Textiles**

#### **A. Choose the correct option.**

1. c 2. b 3. b 4. b

**B. Fill in the blanks.**

1. body 2. dupatta 3. T-shirts 4. cotton seeds 5. yarns

**C. Answer the following questions.**

1. We wear clothes to cover our body. They protect us from heat, cold and rains.  
2. T-shirt and Kurta are two stitched clothes we wear. 3. Sari and Dupatta are two unstitched clothes. 4. Fibres are natural or synthetic substances which are used in the manufacture of other materials. 5. Weaving is the process of making cloth on handloom that ran on electricity. Knitting is done on a knitting machine, T-shirts, track-suits sweaters, shawls etc are knitted.

**Think and Answer**

In some places of India turban is considered as a part of honour because it shows the position of a man.

**Life Skills and Values**

To take care of our clothes we should wash in a best quality of detergent powder or detergent cake and well ironed. We should keep the neem leaves to protect the clothes from insects.

**Creative Corner**

Do yourself.

**Test Paper - 1**

**A. Choose the correct option.**

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

**B. Fill in the blanks.**

1. Rain 2. home 3. Tea, coffee 4. Pots 5. three

**C. Match the following columns.**

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

**D. Write T for True and F for False.**

1. F 2. T 3. T 4. T 5. F

**E. Give two examples of each of the following.**

1. Mother Teresa, Medha Patkar 2. Ludo, Chess 3. Cricket, Football 4. Rice, Bread 5. Mango, Tomato

**F. Answer the following questions.**

1. A family in which family members stay with us is called immediate family.  
2. The people who work selflessly for the welfare of the society, are called social workers. 3. People who play professional games or sports are called sportspersons. 4. Some people eat only plant products, they are called vegetarians. While some people eat eggs, meat and fish along with plant products they are called non-vegetarian. 5. Meat and some vegetables are sometimes cooked over direct heat. This is called grilling.

**G. Identify and name these houses.**

Houseboat, Kutcha house, Caravan, Stilt, house, Tent, Igloo

## Test Paper - 2

### A. Choose the correct option.

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

### B. Fill in the blanks.

1. Communication 2. aquatic 3. Insects 4. Body feathers 5. dupatta

### C. Match the following columns.

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

### D. Write T for True and F for False.

1. T 2. F 3. F 4. F 5. T

### E. Give two examples of each of the following.

1. Cactus, Date palm 2. Pine, Cedar 3. Whale, Dolphin 4. Frog, Turtle 5. Car, Bus

### F. Answer the following questions.

1. Uses of plants : (i) Plants keep the air fresh and clean. (ii) Plants provide shelter to many animals. (iii) They provide us many medicinal herbs. 2. Our earth is full of tiny creatures includes insects and worms these tiny animals are called creepy crawlies. 3. Dyeing is a process of colouring cloth by soaking it in the coloured solution. Dye is obtained from vegetables, flowers and from chemicals. 4. The person who make different items using clay is known as a potter. 5. The potters first needs clay then place it at the centre of the wheel. He spins it at fast speed and gives desired shape of the clay using his hands. Once the pot is ready, It is removed with the help of thread and let it dry. To make it strong, it can be baked in a kiln. After that it is polished and painted.

### G. Enlist five endangered and extinct animals.

**Endangered :** 1. Giant Panda 2. Tiger 3. Snow leopard 4. Gorilla 5. Asian Elephant

**Extinct :** 1. Passenger Pigeon 2. Quagga 3. Sea Mink 4. Dinosaurs 5. Tecopa Pupfish



## Environment Awareness - 4

### Unit 1 My Family

#### Chapter-1 Families Change

**A. Choose the correct option.**

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

**B. Write Yes or No.**

1. Yes 2. No 3. Yes 4. No 5. No

**C. Answer the following questions.**

1. Avishi's family is a Nuclear family. Her father is a dentist and her mother is a nutritionist. 2. Mother manages all the works, she cares for us and make our lives comfortable. 3. Adoption means becoming a legal parent of a child who has lose their parents in accidents or any natural disaster. 4. Sometimes people other than legal parents help in bringing up a child for few months and years. Such people are called foster parents. 5. Animals which reproduce by giving birth to young ones are called mammals.

**Think and Answer**

Do yourself.

**Life Skills and Values**

Do yourself.

**Creative Corner**

Do yourself.

#### Chapter-2 My Extended Family

**A. Choose the correct option.**

1. a 2. b 3. a 4. c

**B. Fill in the blanks.**

1. extended 2. 25th 3. children 4. first

**C. Answer the following questions.**

1. Persons of a family such as parents brothers and sisters with whom we live is called an immediate family. 2. Persons of a family such as Grandparents, uncles, aunts and cousins who stay separately are called an extended family. 3. Members of a family should take decisions together so that everyone can express their views and ideas. 4. We learn many values like good manners, discipline, punctuality, sharing beings respectful and caring for each other. 5. We all have some special qualities through which we can shine in the world if we are encouraged and trained are called inborn talents.

**Think and Answer**

We have many characteristics similar to our parent. This is due to the genes because genes is the physical and functional unit of heredity. These are made up of DNA act as instructions to make molecules called proteins.

**Life Skills and Values**

Do yourself.

## Creative Corner

Do yourself.

### Chapter-3 Our Senses

#### A. Choose the correct option.

1. a 2. c 3. c 4. c 5. c

#### B. Write Yes or No.

1. Yes 2. No 3. Yes 4. No 5. Yes

#### C. Answer the following questions.

1. Sight, smell, hear, feeling, taste are our senses.. 2. Eyes help us to know about the colour, shape and size of the things and is also used to express our feeling. 3. Tiny hair present in our nose filter the air that we breathe by trapping dust and germs present in it. 4. The taste buds are present on the surface of our tongue and helps us to differentiate tastes. 5. Skin is the largest sense organ. 6. People who cannot see, hear, talk, or walk are called differently-abled people. 7. Braille script is a script through which a blind person can learn something by touching the numbers and alphabets written on it.

#### Think and Answer

(a) Ophthalmologist (b) Otolaryngologist (c) Otolaryngologist (d) Dermatologist

#### Life Skills and Values

Do yourself.

#### Creative Corner

#### 1. What are the following people called?

a. Blind b. Deaf c. Mute d. Lame

#### 2. People who are deaf use sign language to communicate with others. Draw or paste the pictures of signs used by these people.

Do yourself.

### Chapter-4 Teeth and Tongue

#### A. Choose the correct option.

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

#### B. Give one word for the following.

1. Milk teeth 2. Incisors 3. Teeth 4. Permanent teeth 5. Canines

#### C. Answer the following questions.

1. Teeth and tongue play an important role in eating and digesting food. Our teeth help us to chew food properly before use shallow it. They also give shape to our face and help us to speak clearly. Our tongue helps us to taste and move food in the mouth. 2. We have 8 Incisors, 4 canines, 12 molars, 8 premolars in our mouth. 3. The part of the tooth that is seen above the gum is called the crown. the part that is inside the gum is called the root. The white part on outside of the tooth is called the enamel. Below the enamel is dentine. Inside dentine is the pulp. Pulp is very soft and has blood vessels and nerves. 4. Move your brush up and down to brush the front teeth. Move it in a circle while brushing your back teeth. Brush the flat surface of the premolars and molars. 5. Omnivores have sharp teeth to tear the flesh and flat teeth to grind the plants.

**Think and Answer**

Babies take mostly liquid diet such milk.

**Life Skills and Values**

Do yourself.

**Creative Corner**

Do yourself.

**Unit 3 Work and Play****Chapter-5 Skilled Workers****A. Choose the correct option.**

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

**B. Match the following.**

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

**C. Answer the following questions.**

1. Any work which helps you to earn money is called an occupation. 2. Skilled occupations are based on particular skill that a person knows or has learnt. They are called skilled occupations. 3. Potter, tailor, engineer, carpenter, teacher, etc, are some skilled workers. 4. Doctors, nurses, teachers, engineer, etc, who undergoes special training related to their work. They are called professionals. 5. In earlier days, girls were not allowed to study and forced to do household chores like cooking, cleaning etc. But now time has changed, today most of the girls go to school. Women's are found in many fields like writer, astronaut, police officer etc.

**Think and Answer**

Only clay is used to make pots because it is only to given any shape by the hands.

**Life Skills and Values**

Do yourself.

**Creative Corner**

Do yourself.

**Chapter-6 Play Time****A. Choose the correct option.**

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

**B. Match the following.**

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

**C. Answer the following questions.**

1. All of us need to have rest and fun. We have fun when we do things we enjoy. This is called recreation. 2. Games which are played inside the house are called indoor games. Ex : Ludo, chess etc. 3. Games which are played outside the house are called outdoor games. Ex : Cricket, football etc. 4. Circus is an old and popular means of recreation. Different performers like clowns, trapeze artist, acrobats, etc., entertain the audience with their funny and thrilling acts. 5. Fairs are organised on festivals such as Diwali, Christmas Teej and many more.

### Think and Answer

Do yourself.

### Life Skills and Values

Do yourself.

### Creative Corner

Do yourself.

## Unit 4 Our Needs

### Chapter-7 Together We Eat

#### A. Choose the correct option.

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

#### B. Write Yes or No.

1. Yes 2. No 3. No 4. Yes 5. Yes

#### C. Answer the following questions.

1. Eating together promotes a sense of belonging and sharing. It is a lot of fun. We also share our thoughts and opinions with our family members. 2. Holi, Diwali, Pongal, Onam, Dusshera are some festivals which we celebrated with our family and friends. 3. Mid-day meals are free meals given to children. Children sit and eat together. 4. All the work done in preparing and serving food is called kerseva. 5. Balance diet served in boarding school to children to keep them fit and healthy.

### Think and Answer

Mid-day meal is served in government primary schools to the poor children.

### Life Skills and Values

Do yourself.

### Creative Corner

Do yourself.

### Chapter-8 Water

#### A. Choose the correct option.

1. c 2. b 3. b 4. b 5. c

#### B. Give one word for the following.

1. Pond 2. Lake 3. Desalination 4. Canal 5. Water cycle

#### C. Answer the following questions.

1. Rain, pond, lake, river are the different sources of water. 2. **Perennial Rivers** : The Ganga, The Yamuna. **Non-perennial Rivers** : The Krishna and The Godavari. 3. The water in sea and ocean is salty. to make it suitable for use, the salt needs to be removed from it. This process is called desalination. 4. When the heat of the sun changes water into vapours. This process is called evaporation. When the water vapours changes into water on cooling, then this process is called condensation. 5. Water cycle involves various steps : (i) The sun heats the water and turns it into water vapours now these streams goes into the air. (ii) Water vapour rise up and gets cold. Then it changes back into liquid water droplets which combine to form clouds. (iii) Clouds becoming bigger and heavier cannot

hold the droplets anymore. (iv) So they fall down to the earth in form of rain, hail, sleet or snow. (v) Now this rain waters seeps down in the earth and stored there as the underground water. The cycle continues as it in the nature.

### Think and Answer

Peels of fruits and vegetables get shrink when left outside for a few days because water is evaporated which is presented inside it.

### Life Skills and Values

Do yourself.

### Creative Corner

Do yourself.

## Chapter-9 Houses and Bridges

### A. Choose the correct option.

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

### B. Fill in the blanks.

1. Hut 2. bedroom 3. apartments 4. Arch 5. Puccha house

### C. Answer the following questions.

1.

Houses of Past	Houses of Present
(i) They have open spaces called angan.	(i) They have no open space called angan.
(ii) There was no electricity so ventilators were built high up in the walls.	(ii) There is electricity so we have air conditioners in our houses.

2.

Rural Area	Urban area
(i) In rural area people used to live in kutcha house called hut.	(i) In Urban areas people used to live in pucca house.
(ii) People used to fetch water from a nearby well.	(ii) There is regular supply of water through taps.

3. Apartments are the multi-storeyed buildings with many floors. Each floor has two or more houses. These houses are called flats. 4. Temporary houses made by using waste materials like plastic, polythene, metals, clothes or any other. These kinds of houses are called shack. A place with many such houses is called slum. 5. A person who made a plan for a house using computer, drawing board, compass and scale is called an architect. 6. Bridge is a structure that carrying a road, path, railway, etc., across a river road on other obstacle. 7. Cantilever bridge is built of simple beams, trusses built from structural steel or box girders built from concrete.

**Think and Answer**

Do yourself.

**Life Skills and Values**

Do yourself.

**Creative Corner**

Do yourself.

**Unit 5 Transport and Communication****Chapter-10 Mapping Our Neighbourhood****A. Choose the correct option.**

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

**B. Write Yes or No.**

1. No 2. Yes 3. Yes 4. No 5. No

**C. Answer the following questions.**

1. Houses close to each other along with markets, shops, parks, school and other buildings in that area, form a neighbourhood. 2. There are three different types of maps : (i) Political maps (ii) Physical maps (iii) Thematic maps 3. We have 4 sub-directions as North-East (NE), South-East (SE), South-West (SW), North-West (NW). 4. There is a ratio between the distance on the map and the actual distance on the ground. This ratio is known as the scale of a map 5. Describing a neighbourhood using landmarks, sketches and maps is called mapping of neighbourhood.

**Think and Answer**

North and South

**Life Skills and Values**

Do yourself.

**Creative Corner****1. On the given outline map of India do the following.**

Do yourself.

**2. Look at the given map and answer the following.**

1. South 2. Temple 3. East 4. South west 5. South east

**Chapter-11 Travel and Money**

Pg-77

**Look at the e-tickets and answer the questions. You can take help of an elder.**

1. Rahul Karia, Soni Hemrajajani 2. UJL 89/WL 45, WL 89/WL 46 3. 27, 52 4. Kalyan 5. 1099 Km 6. 702.00 7. Lokmanya TTExp. #

**A. Choose the correct option.**

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

**B. Write Yes or No.**

1. Yes 2. No 3. No 4. Yes 5. Yes

**C. Answer the following questions.**

1. Vehicles like buses, auto, trains, planes, etc, are not owned by us, called public vehicles. 2. Vehicles like cycle, scooters, motorcycles, cars, etc, are owned by us, called private vehicles. 3. The money that we pay to buy ticket is called currency. Every country has its own currency. 4. One side has its value and year of minting marked on it. The other side has the National Emblem and the words Satyamev Jayate in Devnagari Script. 5. On one side of a note we have a picture of Mahatma Gandhiji and the value of the note and the number of that note written at the top and at the bottom also.

**Think and Answer**

Satyamev Jayate means the victory of True.

**Life Skills and Values**

Do yourself.

**Creative Corner**

USA, Japan, India, Switzerland, England, Kuwait

**Unit 6 Other Lives Around Us**

**Chapter-12 Plants Around Us**

**Pg-83**

**Look at the given pictures of flowers and complete their names.**

MARIGOLD, SUNFLOWER, HIBISCUS, JASMINE

**A. Choose the correct option.**

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

**B. Give two examples of each.**

1. Carrot, Radish 2. Lotus, Dahlia 3. Ferns, Mosses 4. Marigold, Dahlia  
5. Foxglove, Forget me not 6. Penstemon, Peonies

**C. Answer the following questions.**

1. There are two kinds of roots : tap root and fibrous root. 2. Plants which bear flowers are called flowering plants and which plants do not bear flowers are called non-flowering plants. 3. **Annuals** : They live for only one season and then die. For ex : Marigold, Dahlia etc. **Biennials** : They live for two years. They produce flowers and seeds in second year. For ex : foxglove, forget me not etc. **Perennials** : They live for more than two years. Their flowers bloom every year. For ex : penstemon, peonies etc. 4. **Uses of Flowers** : (i) Flowers like rose, jasmine, etc, are used to make perfumes and oils. (ii) Flowers are also used to make dyes or colours. 5. Tribal people who live in forests surviving there by eating fruits and flesh of animals are called Adivasis.

**Think and Answer**

**Name two flowers that bloom only at night.**

1. Marvel-of-Peru 2. Night-bloomer Jasmine

**Life Skills and Values**

Do yourself.

## Creative Corner

Do yourself.

### Chapter-13 Animals Around Us

#### A. Choose the correct option.

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

#### B. Fill in the blanks.

1. herd 2. Elephants 3. nose 4. holes 5. shark

#### C. Answer the following questions.

1. Some small animals like ants and bees live in very large groups called colonies.  
2. Living in a group helps the animals to protect themselves from their enemies. Main purposes of their living in groups is protection, searching for food and to raise their babies. 3. Butterfly is a shy animal. Dog is a friendly animal. 4. Body coverings of some animals have designs that help them to blend with their surroundings. This is called camouflage. 5. Animals like elephants, dogs and cats have an external ear called pinna. The pinna collects and directs the sound signals to the inner ear.

#### Think and Answer

Do yourself.

#### Life Skills and Values

Do yourself.

#### Creative Corner

Do yourself.

### Chapter-14 Shelter of Animals

Pg-98

#### Complete the names of different shelters of animals.

COOP, KENNEL, STABLE, PAN

#### A. Choose the correct option.

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

#### B. Give two examples of each.

1. lion, bear 2. fish, turtle 3. monkeys, squirrels 4. frog, toad 5. bats, owls

#### C. Answer the following questions.

1. Birds use straw, threat, twigs, leaves, grasses, cotton, wool and features to build their nests. 2. Weaver bird weaves its nest using materials like grass, leaves, roots, and twigs. It enters into its nest from bottom. Tailor bird uses its long beak as a needle to stick the edges of a large leaf, uses human hair or spider web or other materials for making nest. 3. Animals like rabbits and moles dig holes and tunnels under the ground. These are called burrows. 4. In winter some animals sleep for a long time to protect themselves from the harsh weather. This is called hibernation. 5. Animals like bats, owls, earthworm, etc, come out their shelter mostly at nights. These animals are called nocturnal animals.



### Think and Answer

Ants are very hardworker insects. They travel in a line because collect the food.

### Life Skills and Values

No, we should not keep birds in cage. Because freedom is everyone's right.

### Creative Corner

Do yourself.

## Chapter-15 Beaks and Claws

### A. Choose the correct option.

1. b 2. b 3. a 4. b 5. b

### B. Write Yes or No.

1. No 2. Yes 3. No 4. No 5. Yes

### C. Answer the following questions.

1. Birds use their beaks to catch and eat food. All the birds eat different type of food hence have different beaks. 2. Insect eating birds have strong, hard and heavy beak while nectar sucking birds have long and pointed beaks to suck nectar from flowers. 3. Perching birds like sparrow, crows and pigeons have three toes on front and one at the back. These help the bird to hold on to a branch of a tree. 4. Water birds have webbed feet which help them to swim in water, they have long thin legs with widely spread toes to keep the feet from sinking down in soft mud. 5. Flesh-eating birds like eagles and vultures have sharp and curved claws called talons that they use to catch their prey.

### Think and Answer

Humming Bird

### Life Skills and Values

Do yourself.

### Creative Corner

Do yourself.

## Chapter-16 Waste and Its Management

### A. Choose the correct option.

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

### B. Write Yes or No.

1. No 2. Yes 3. No 4. Yes 5. No

### C. Answer the following questions.

1. Waste means anything that is no use to us such as old newspapers, empty bottles, empty cans packaging boxes, fruits and vegetables peels and so on. 2. The non-biodegradable waste materials do not rot easily. They do not mix with the soil and remain in the environments for thousand of years. Ex : Plastic bottles, aluminium cans and silver foil. 3. The biodegradable waste materials easily mix with the soil. Micro organisms like bacteria, fungi and earthworm help to decompose such waste with the soil easily. Ex : Leftover food, fruits and

vegetable peels. **4. Reduce** : Reducing waste means reducing the quantity of waste use produce so that we don't have to worry about disposing it or recycling it. **Reuse** : Reusing means putting the waste products to other uses. **5. Recycle** is the process of reusing a product or producing a new product from a used or waste material. This process helps to prevent wastes of potentially useful materials. We can recycle glass, paper, metals, textiles electronics etc.

### Think and Answer

Compost pit is a pit where leaves and peels of vegetables and fruits are dumping for rotten to make manure.

### Life Skills and Values

Do yourself.

### Creative Corner

Do yourself.

### Test Paper - 1

#### A. Tick (✓) the correct option.

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

#### B. Fill in the blanks.

1. birds, snakes 2. differently abled 3. mouth 4. gunjiya 5. pond

#### C. Write T for True and F for False.

1. T 2. F 3. T 4. F 5. T

#### D. Match the following columns.

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

#### E. Give two examples of each.

1. Elephant, Dog 2. Eyes, Nose 3. Incisors, Canines 4. Chess, Ludo 5. Cricket, Football

#### F. Answer the following questions.

1. Adoption means becoming a legal parents of a child who has lose their parents in accidents or any natural disaster and such child is known as adopted child.

2. The people who cannot see, hear, talk, or walk are called differently-abled people 3. Houses made with bricks, cements, concrete, etc, in which a person lives permanently is called permanent house while, there are many people who don't have money to built permanent house so they made their house with plastic, polythene, metal, clothes, etc., and these houses are called temporary houses.

4. When we lose, we should congratulate the winner and accept our defeat in a challenging way. This is called sportsman spirit. 5. The heat of the sun changes water into water vapours. This process is called evaporation.

#### G. Identify and name these sources of water.

Pond, River, Well, Dam, Lake, Canal

### Test Paper - 2

#### A. Tick (✓) the correct option.

1. c 2. c 3. c 4. b 5. b

**B. Fill in the blanks.**

1. Cartographers 2. rupees 3. Annual 4. Monkey, squirrels 5. vegetable peels, papers

**C. Write T for True and F for False.**

1. T 2. F 3. T 4. T 5. F

**D. Match the following columns.**

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

**E. Give two examples of each.**

1. Arch bridge, Beam bridge 2. Marigold, Dahlia 3. Foxglove, Forget-me-not  
4. Birds, Bees 5. Fish Turtle

**F. Answer the following questions.**

1. Temporary houses made by using waste materials like plastic, polythene, metals, clothes, or any other. These kind of houses are called shack. A place with many such houses is called slum. 2. There are three different types of maps : (i) Political maps (ii) Physical maps (iii) Thematic maps 3. Money made of metal is called a coin. Coins are round and have two sides. 4. The process of transferring of pollen grains from anther to the stigma is called pollination. 5. Two types of wastes : (i) Biodegradable wastes (ii) Non-biodegradable wastes

**G. Identify and write their names.**

Do yourself.

## Environment Awareness - 5

### Unit 1 My Family

#### Chapter-1 Why People Move

**A. Choose the correct option.**

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

**B. Write Yes or No.**

1. Yes 2. No 3. Yes 4. No 5. Yes

**C. Answer the following questions.**

1. The movement of people from one place to another to settle there is called migration. 2. Sometimes people are forced to migrate and shift to other places this is called displacement. 3. The main reasons behind migration of people are (i) Better of higher education (ii) Job transfer (iii) Marriage (iv) Better job opportunities 4. Murli's father shifted to town as his fields get dry and destroyed due to lack of rain therefore, they shifted to town to get good job and education. 5. Impacts of migration : (i) The elderly of the house is left alone when the young generation migrates. (ii) Migrants have to adjust to the local language, climate and other cultural changes to new place. (iii) Children face problem in adjusting in new environment.

**Think and Answer**

Yes, because it is a flooded area.

**Life Skills and Values**

We should control this type of migration to provided better jobs facilities and education.

**Creative Corner**

Do yourself.

#### Chapter-2 Everyone is Special

**A. Choose the correct option.**

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

**B. Fill in the blanks.**

1. family 2. 4 to 5 3. Braille 4. ramps 5. Helen Keller

**C. Answer the following questions.**

1. Factors that influence our likes and dislikes are as follows : (i) Personal experiences (ii) Environment (iii) Family background (iv) Cultural background 2. Heredity means passing of characters from parents of offsprings. 3. Braille are the raised dots arranged in particular patterns to represent the different alphabets of English language, numbers and punctuation marks. 4. People who are unable to use one or more of their sense are called differently abled people. They need special care and attention. 5. Helen Keller was not born blind and deaf. When she was 19 months old. She contracted an illness which left her deaf and blind at that time. She felt lost. But Helen was a bright child. Her teacher Anne Sullivan taught Helen the sign of letter of the Alphabet. She never gave up and later.

Helen learns to read Braille. At the age of 24 she graduated from Redcliffe becoming the first deaf and blind person to earn a bachelor art degree.

**Think and Answer**

Do yourself.

**Life Skills and Values**

Do yourself.

**Creative Corner**

Do yourself.

**Chapter-3 Breathing**

**A. Choose the correct option.**

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

**B. Fill in the blanks.**

1. respirate 2. ribcage 3. relaxes, moves 4. hot, humid 5. hairs

**C. Answer the following questions.**

1. The process in which we breathe in oxygen from the air and breathe out carbon dioxide in air is called breathing. 2. The process of breathing in oxygen using it to convert food into energy and breathing out carbon dioxide as waste is called respiration. 3. When we breathe in the diaphragm moves down and the lungs became large, this is called inhalation. When we breathe out the diaphragm relaxes and moves up contracting the lungs this is called exhalation. 4. Mirror becomes blur when we blow out on it, this is because our breathe, as it comes from inside of our body is hot and humid. When it comes in contact with cold surface of mirror, it condenses to form droplets of water. 5. Two ways of breathing well : (i) We should breathe through our nose, not our mouth. (ii) Always take a walk in morning to breathe in fresh air.

**Think and Answer**

We should always breathe to our nose not to the mouth because the germs presented the outside enter in the body and they can make us ill.

**Life Skills and Values**

Inhalation and exhalation are two exercises of breathing.

**Creative Corner**

Do yourself.

**Unit 2 Our Body and Our Needs**

**Chapter-4 Digestion**

**A. Choose the correct option.**

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

**B. Write Yes and No.**

1. Yes 2. Yes 3. No 4. No 5. Yes

**C. Answer the following questions.**

1. Digestion is the process by which food is broken down into simpler form so that it can be easily absorbed by the body.

2. Mouth, stomach, small, intestine, liver are the digestive organs. 3. The stomach is a small bag which is full of digestive juices, it churns the food and mixed it with gastric juices which further break down the proteins in food. 4. Digestive juices of pancreas digest fats, proteins and carbohydrates present in the food. 5. A diet that contains all the nutrients that we need to grow well and be healthy is called a balanced diet. 6. A person needs a glucose drip because glucose is the main source of energy for the body and when a person becomes very weak due to illness and he is unable to eat and drink. He/She is given glucose drip through injection so that the body get instant energy from glucose.

### **Think and Answer**

No, it is not correct. We should swallow the food without chewing because food does not digest well.

### **Life Skills and Values**

We keep our digestive system healthy to eat nutritious food.

### **Creative Corner**

Do yourself.

## **Chapter-5 Food Storage and Preservation**

### **A. Choose the correct option.**

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

### **B. Match the following columns.**

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

### **C. Answer the following questions.**

1. Five methods of preserving food are : Drying, Canning, Pasteurization, Salting, Pickling 2. Two ways of avoiding wastage of food are : (i) We should not leave uneaten food in our plate. (ii) We should serve only that much of food in our plate as we can eat. 3. Nutrients are special substances that give us energy, help us to grow and protect us from diseases. The major nutrients which the body required are proteins, carbohydrates, vitamins and minerals. 4. People who do not get sufficient food to eat, become weak and suffer from disorder; there normal health is effected such a condition is called malnutrition. 5. Lack of any nutrients, can cause abnormalities and disease these are called deficiency disease.

### **Think and Answer**

It is advised to have all kinds of nutrients in our diet because less of any nutrient can cause any deficiency disease.

### **Life Skills and Values**

Do yourself.

### **Creative Corner**

Do yourself.

## **Chapter-6 Journey Of Crops**

### **A. Choose the correct option.**

1. b 2. b 3. a 4. a 5. b

**B. Give two examples of each.**

1. rice, wheat 2. urad, mung 3. clove, turmeric 4. groundnut oil, mustard oil 5. tea, coffee

**C. Answer the following questions.**

1. Farmers grow crops in fields or farms. Different crops are grown in different seasons. 2. To separate the crop from unwanted plants is called threshing. 3. Cereals such as rice, wheat, oats, millets etc., are called food grains. 4. Spices are useful to us because they make our food tasty and colourful and have a medicinal value. 5. Fruits and vegetables are protective food because they protect us from diseases.

**Think and Answer**

Farmers use the fertilizers and pesticides to improve the quality of crop and kill harmful germs that are present in the crop.

**Life Skills and Values**

Do yourself.

**Creative Corner**

Do yourself.

**Chapter-7 Farmer and Farming**

**A. Choose the correct option.**

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

**B. Name any two of the following.**

1. Maize, Bajra 2. Wheat, Gram 3. Sunflower, Watermelon 4. Marginal farmers, Tenant farmers 5. Sprinkler irrigation, Flood irrigation

**C. Answer the following questions.**

1. Kharif crops, rabi crops, zaid crops are the three types of seasonal crops. 2. The farmer who uses modern machines and methods of farming and grows crops on a large scale and sells them in the market to earn profit. These farmers are called commercial farmers. 3. After independence food security is the main item on the developmental agenda, this awareness led to the green revolution. 4. The irrigation which involves spraying water on standing crops using sprinklers is called sprinkler irrigation. 5. Farmers have to face many problems in their life such as shortage of water, shortage of pesticides and insecticides, drought, less production, natural calamities and fertilizers.

**Think and Answer**

There will be no healthy crops if farmers do not add fertilizers and manure to the crops.

**Life Skills and Values**

Do yourself.

**Creative Corner**

Do yourself.

## Chapter-8 Water

### A. Choose the correct option.

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

### B. Fill in the blanks.

1. fresh water 2. Baoli 3. irrigation 4. molecules 5. Solubility

### C. Answer the following questions.

1. Baoli is an ancient source of water. It has a unusual design and a huge well. They were built to collect and store rainwater and this water was used by the people for drinking and other household activities. 2. In very harsh summer, travellers might need a glass of water. To serve the travellers can see earthen full of water at road sides. These are called pias. 3. Water wheel is a traditional means and methods of lifting water from well and using flowing water to produce power. It has a large wooden or metal wheel moving at high speed. The buckets are attached to the wheel. As the wheel is turned the buckets lifts water from the wells which is then diverted to the fields. 4. The density of a substance decides whether the object sinks or floats in water. 5. Solubility is the ability of a substance to dissolve. In the process of dissolving. The substance which is being dissolved is called a solute and the substance in which the solution is dissolved is called a solvent.

### Think and Answer

Water is a universal solvent because mostly substances are soluble in water.

### Life Skills and Values

Serving water for free is a sign of good being, because life cannot be possible without water.

### Creative Corner

Do yourself.

## Chapter-9 Water Pollution

### A. Choose the correct option.

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

### B. Write Yes or No.

1. Yes 2. Yes 3. No 4. No 5. Yes

### C. Answer the following questions.

1. Unwanted and harmful substances makes water dirty and unfit for drinking that is called water pollution. 2. Cause of water pollution : (i) Many people take bath, wash clothes, and throw wastes in lakes and rivers. (ii) In small towns and cities, untreated wastes it thrown in lakes and rivers. (iii) Factories also dump harmful wastes and chemicals into the river and oceans. 3. Effects of water pollution : (i) Water become unfit for use for both human beings and animals. (ii) It destroys aquatic life. (iii) Drinking polluted water can cause diseases like typhoid, cholera, dysentery and diarrhoea. 4. Various steps can be taken to prevent water pollution : (i) Do not bathe, wash and defecate in water bodies. (ii) Do not throw garbage in water bodies. (iii) Reduce the use of fertilizers and pesticides in the fields. 5. Water which is fit for drinking is called potable water.



### Think and Answer

We can fall ill, because many impurities are soluble in river water.

### Life Skills and Values

In house we can make water suitable for drinking by boiling and filtering it.

### Creative Corner

Do yourself.

## Chapter-10 Dignity of Labour

### A. Choose the correct option.

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

### B. Write Yes or No.

1. Yes 2. No 3. Yes 4. Yes 5. Yes

### C. Answer the following questions.

1. The service that we need everyday is called essential services. 2. Different people provide us different types of services. This is called division of labour. For example : (i) Sunita is a domestic helper. She keeps the house clean. (ii) Raghav is a grocer who supply groceries. (iii) Rajesh is the school bus driver. He takes me to the school. 3. All work is important and there is no inferior and superior work. It is absolutely wrong to consider any work as low or high. This is called dignity of labour. 4. The work which we do to earn money is called occupation. The work which we do for the society and no money is paid to us for this work. This is called social work. 5. Napoleon Bonaparte is the person who strongly supported the idea that no job is low or high.

### Think and Answer

Do yourself.

### Life Skills and Values

We should treat him with same manner because no job is low or high.

### Creative Corner

Do yourself.

## Chapter-11 Games We Play

### A. Choose the correct option.

1. b 2. c 3. b 4. b 5. c

### B. Fill in the blanks.

1. Indoor 2. team 3. two 4. six 5. Mallakhamb

### C. Answer the following questions.

1. Indoor games are those games that can be played with in an enclosed place or building. For example : carrom, chess and ludo. Outdoor games require space and played outside in neighbourhood parks and play ground of school and sports club. For example : cricket, football and hockey. 2. Individual games are those games in which player play alone against another player. For eg : golf, chess and shooting. Team games are those games in which a group of players play against

another group. For eg : football, cricket and volleyball. **3.** Team spirit is the feeling of the Harmony and Unity among the players. They share their common aim to complete and win against their opponents. **4.** Some traditional games are : **(i)** kabaddi **(ii)** yoga **5.** Yoga is a type of exercise which relax mind and improves concentration. Yoga exercise helps us to live a disease free life and develop a positive attitude towards life.

### **Think and Answer**

Outdoor games are better for us because they keep our body fit and healthy.

### **Life Skills and Values**

Games teach us team work and co-ordination because we share our common aim to complete and win against our opponents.

### **Creative Corner**

Do yourself.

## **Chapter-12 Animals Senses**

### **A. Choose the correct option.**

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

### **B. Write Yes or No.**

1. No 2. Yes 3. Yes 4. No 5. No

### **C. Answer the following questions.**

1. Snake has Jacobson's organ. The role of Jacobson's organ is to identify the food or danger. **2.** Ants and flies have compound eyes made of thousand of lenses. This helps to get a complete picture of what they see. **3.** Bat uses echo-location. It makes high pitched sound using its mouth and nose. If these sound waves meet an object they create echo's that bounce back to the bat. The bat uses these echo's to locate the object. **4.** Some animals sleep throughout the cold winter months. This duration is called hibernation. **5.** Bats sleep with their eyes closed while horse can sleep while they are standing.

### **Think and Answer**

No, it is not possible to animals to able to find their food without using their sense organs because sense organs help them to move, communicate with other, find food and escape from others.

### **Life Skills and Values**

A dog communicate its feeling to us to waighing its tail.

### **Creative Corner**

#### **1. Read the clues and find the answer in word grid.**

a. Honeybee b. Chamaeleon c. Dolphin d. Mosquito e. Horse

#### **2. Write the names of the sense organs which these animals use to find their food.**

Sense of smell, Sense of taste receptors, Sense of vision, Sense of looking, Sense of feeling, Sense of odour with their antennas.

### Chapter-13 How Plants Grow?

**A. Choose the correct option.**

1. b 2. a 3. b 4. a 5. b

**B. Fill in the blanks.**

1. seeds 2. Cotyledons 3. coconut, lotus 4. radicle 5. flowers

**C. Answer the following questions.**

1. Reproduction is the process by which living things produce individual of their own kind. 2. Plants having one cotyledon are called monocot plants while plants having two cotyledons called dicot plants. 3. Germination is the process by which a seed reproduces a baby plant or seedling under favourable conditions. 4. Seeds can be dispersed through wind, water, animals, explosion. 5. Rose and sugarcane grow from stems. The stems are cut from mother plants that have buds on them. New plant grow from these buds.

**Think and Answer**

Seeds will not grow well if they do not get dispersed by different ways.

**Life Skills and Values**

Reproduction is a very important process to continuous the life on the Earth. Because without reproduction no one cannot take the birth on the Earth.

**Creative Corner**

Do yourself.

### Chapter-14 Food For Plants and Animals

**A. Choose the correct option.**

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

**B. Match the following columns.**

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

**C. Answer the following questions.**

1. The process of making food by plants using sunlight, water and carbon dioxide in the presence of chlorophyll is known as photosynthesis. 2. Non-green plants like moulds and mushrooms lack chlorophyll so they cannot make their own food therefore they depend on dead plants and animals for their food. 3. Some plants like pitcher plant, Venus flytrap eat insects their leaves are modified to catch their prey. These plants are called insectivores plants. For eg : pitcher plants and sundew plants. 4. The plants which grow on other plants for food and water are called parasitic plants. For eg : Dodder. 5. A kind of chain where energy flows from the sun to the plants and then to the animals in the form of food is called a food chain.

**Think and Answer**

Chilka Lake, Bharatpur Bird, Sanctuary, Keoladeo National Park, Jim Corbett National Park, Bandipur National Park.

**Life Skills and Values**

Do yourself.

## Creative Corner

Do yourself.

### Chapter-15 Aquatic Plants and Animals

#### A. Choose the correct option.

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

#### B. Write Yes or No.

1. No 2. Yes 3. Yes 4. No 5. Yes

#### C. Answer the following questions.

1. Plants which grow in water bodies such as oceans, seas, ponds and lakes are called aquatic plants. 2. Floating plants, fixed plants and under plants are the three types of aquatic plants. For eg : (i) Duckweed is a floating plant. (ii) Lotus is a fixed plant. (iii) Hydrilla is a underwater plant. 3. Animals that live under water are called aquatic animals. 4. Malaria is caused by protozoans. It is caused by the female anopheles mosquito when a mosquito bites a person suffering from malaria the protozoa are sucked up with the blood. When this mosquito bites the healthy person the protozoa are injected into the body of healthy person and caused malaria. 5. Prevention of Malaria : (i) Do not let water collect in and around your house. (ii) Use mosquito net and repellent at night.

#### Think and Answer

Yes, it is our responsibility to keep water bodies clean because germs breed in dirty places which are caused of harmful diseases.

#### Life Skills and Values

Do yourself.

#### Creative Corner

1. Do yourself.
2. Chickengunia is an infection that is carried by a human which is transmitted between humans by mosquitoes for a long time. This was in reference to the stooped posture of the patient as a result of joint pain. It is caused by the bite of an infected female Aedes mosquito. To prevent from this disease we should control the breeding of mosquitoes and avoidance of bites in areas where the disease is common. Homeopathy treatment is the best way of this fever.

### Chapter-16 Forest and People

#### A. Choose the correct option.

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

#### B. Fill in the blanks.

1. air 2. timber 3. soil erosion 4. deforestation 5. Tribal

#### C. Answer the following questions.

1. A forest is an area where a large number of trees grow on their own. 2. Three uses of forests : (i) Forest provide a large number of important products such as gums, species , bamboo etc. (ii) We make medicines from plants like neem and amla. (iii) Forests acts as a natural observes of rainwater and helps to maintain the

water table. **3.** People who live in and near forest and depend on forest products for their survival are called Adivasis. **4.** Many Adivasis practise shifting cultivation other make different products out of forest produce such as bamboo and coir. Some of them collect and sell honey too. They are collect different fruits, nuts and medicinal herbs and sell them in the market. **5.** Certain plants and animals are considered as sacred and worshipped by them. Cutting of trees or killing of animals is prohibited in these areas. These areas are called sacred groves.

### **Think and Answer**

Wood is one of the most important fuel because it available easily and provide by trees.

### **Life Skills and Values**

Afforestation, preventing overgrazing, plantation, cultivation, etc., are the methods of preventing forests.

### **Creative Corner**

#### **1. Complete the flow chart.**

Evergreen, Monsoon, Desert, Tidal

## **Chapter-17 Disasters**

### **A. Choose the correct option.**

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

### **B. Write Yes or No.**

1. Yes 2. Yes 3. No 4. No 5. Yes

### **C. Answer the following questions.**

1. Natural disaster are accidents or events that are caused by the forces of nature and leads to use destruction to life of property. **2.** An earthquake is the shaking and vibrations of the earth's surface due to movements of earth's plates. **3.** The time period when farmers do not have enough water for their crops, crops ties and their is less food livestock and other animal also get perished. People by even die because of the shortage of food this is called famine. **4.** An opening or a crack in the crust of the Earth through which magma finds a release is called vent when magma erupts through the earth's surface. It is called lava. The hollow top of the volcano that is shape like a bowl is called a crater. **5.** Terrorists attack and bomb blasts are the two human made disasters.

### **Think and Answer**

The study of Earthquake is called seismology.

### **Life Skills and Values**

Do yourself.

### **Creative Corner**

Do yourself.

## **Chapter-18 Fuels**

### **A. Choose the correct option.**

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

**B. Match the following.**

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

**C. Answer the following questions.**

1. Sources which are available in limited quantity and once their stock gets finished they will not form again soon. So, they are called non-renewable resources. 2. Fuels which are formed from the remains of prehistoric animals and plants buried under the earth millions of years ago. These are called fossil fuels. Coal, petroleum and natural gas are fossil fuels. 3. Products of coal : (i) coke (ii) coal tar (iii) coal gas (iv) ammonium compounds 4. The word petroleum is divided into two words 'Petra' which means rock and 'olevm' which means oil. It is a natural products because it is obtained from oil well. 5. Uses of natural gas : (i) Natural gas is used as for the manufacture of chemicals and fertilizers. (ii) It is used in cooking, power generation heating and vehicles etc.

**Think and Answer**

CNG is better fuel because it is non-polluted fuel.

**Life Skills and Values**

Do yourself.

**Creative Corner**

1. Some vehicles do not need fuels to run. They used other means of energy such as coal, electricity and solar energy.
2. Solar energy, Wind energy, Atomic energy, Bio-gas energy

**Chapter-19 Adventure and Space**

**A. Choose the correct option.**

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

**B. Match the following.**

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

**C. Answer the following questions.**

1. An activity which involves risk, danger and uncertain experiences is called an adventure. 2. Mountaineering is the hobby or profession of climbing mountains. It includes walking, hiking, trekking and climbing. 3. Sleeping bags, rope, first aid kit, food water bottle, waterproof jacket etc are the things we need for mountaineering. 4. The sun dominates the day time sky with its brilliant light. It begins and ends the day with beautiful sunrise and sunset. During night sky the moon and millions of stars twinkle brightly in the night sky. 5. Rakesh Sharma was the first Indian to go into space on third April 1984.

**Think and Answer**

Do yourself.

**Life Skills and Values**

Do yourself.

**Creative Corner**

Do yourself.

## Chapter-20 Historical Buildings

### A. Choose the correct option.

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

### B. Fill in the blanks.

1. thousands 2. Tajmahal 3. Lal Qila 4. Victoria Memorial 5. Sun

### C. Answer the following questions.

1. Forts and palaces built by the kings, mausoleums built in the memory of someone and huge towers or gate to mark a famous victory in a war are all known as monuments. 2. Shahjahan built Tajmahal and Red Fort. 3. White marble is used to make Tajmahal, red sandstone is used to make Redfort, white marble is used to make Victoria Memorial. 4. Gateway of India was built to commemorate the visit of the king George-V and Queen Mary to Mumbai in 1911. 5. Instruments of Jantar Mantar is used for measuring time, forecasting weather changes and predicting moments of the sun, moon and other planets.

### Think and Answer

To know about the king or emperors in ancient India, it is important to visit the historical buildings.

### Life Skills and Values

To keep our culture and tradition alive forever it is important to save our heritage.

### Creative Corner

Do yourself.

### Test Paper - 1

#### A. Tick (✓) the correct option.

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

#### B. Fill in the blanks.

1. migrant 2. Braille letters 3. Goitre 4. Wheat 5. Sugar/Salt

#### C. Write Yes or No.

1. No 2. Yes 3. Yes 4. No 5. Yes

#### D. Answer the following questions.

1. Braille letters are the raised dots arranged in a particular patterns of represent the different alphabets of English language, numbers and punctuation marks.  
2. The process of taking in air which is rich in oxygen is called inhalation.  
3. Digestion is the process of breaking food into small water-soluble food molecules so that they can be absorbed into the blood. 4. Louis Pasteur discover the process of Pasteurization. 5. Main crops of Kharif crops are rice, maize, bajra and main crops of Rabi crops are wheat, gram, peas etc.

#### G. Identify and name the following.

Helen Keller, Louis Pasteur, Mahatma Gandhi, Well, Tube well, Canal

### Test Paper - 2

#### A. Tick (✓) the correct option.

1. b 2. b 3. a 4. a 5. b

**B. Fill in the blanks.**

1. carbon dioxide 2. root 3. carnivores 4. Whale 5. Peepal, banyan

**C. Give two example of each.**

1. Wrestling, Mallakhamb 2. Lotus, Waterlily 3. Whale, Dolphin 4. Coal, Petroleum 5. Taj mahal, Rad fort

**D. Answer the following questions.**

1. Team spirit is a feeling of a harmony and unity among the players. They share the common aim to comp etc and win against their opponents. 2. Aestivation is a state of animal dormancy that is exhibited by certain animals in response to high temperature and arid conditions. 3. The outer covering of the seed is called seed coat. Inside the seed coat you will find seed leaves known as cotyledons. Between the cotyledons is the baby plant called embryo. 4. The roots of the plants absorbs water and minerals from the soil. These are carried by the stem to the leaves. Chlorophyll presents in green leaves trap the sunlight. Plants take in carbon dioxide from the atmospheric through stomata. All these are used by leaf to prepare food. This is called photosynthesis. 5. A volcano is a crack on an opening in the earth's crust through which hot gases and molten rocks called magma come out of the earth.

**G. Identify and name the following.**

Yuri Gagarin, Velentina Terreshkova, Neil Armstrong, Rakesh Sharma, Kalpana Chawla, Bechendri Pal