

# Hello Nature!

## Teacher Manual Class-1-5



### Hello Nature!-1

#### Lesson-1

Do yourself

#### Lesson-2

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

B. 1. T, 2. F, 3. T, 4. F

C. 1. The skull and the face, 2. Eat and write, 3. Run and kick, 4. Four fingers and a thumb in each hand D. Do yourself

#### Lesson-3

A. 1. c, 2. a, 3. a, 4. a

B. 1. T, 2. F, 3. F, 4. T

C. 1. Eyes, nose, skin, tongue and ears, 2. Five, 3. When any sound comes to our ears, we hear a sound. 4. Eyes

D. Do yourself E. Do yourself

#### Lesson-4

A. 1. a, 2. b, 3. b

B. 1. T, 2. F, 3. F, 4. T

C. 1. Some big families ..... Joint family. 2. Father, mother and children make a family 3. Family members ..... each other. 4. Do yourself D. Do yourself

#### Lesson-5

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

B. 1. F, 2. F, 3. T, 4. F

C. Clothes protect us ..... and dirt. 2. Summer- cotton, Winter- Woollen 3. Woollen 4. Some clothes which tell us about the kind of work a person called uniform.

D. Do yourself E. Do yourself

#### Lesson-6

A. 1. c, 2. c, 3. a, 4. c

B. 1. F, 2. T, 3. T, 4. T

C. 1. We need water for drink, bath, wash etc. 2. We all need food for to live. 3. The food ..... a meal. 4. River, rain and well. 5. Breakfast, lunch and dinner.

D. Do yourself E. Do yourself

#### Lesson-7

A. 1. a, 2. a, 3. a, 4. b

B. 1. School 2. Hospital 3. Bank, 4. Park

C. Do yourself

#### Lesson-8

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

B. 1. F, 2. T, 3. T, 4. T

C. 1. Do yourself, 2. A community ..... Gurudwara. 3. Saying Eid Mubarak. 4. On 25th December.

D. Do yourself E. Do yourself

#### Lesson-9

A. 1. a, 2. a, 3. b

B. 1. F, 2. F, 3. F, 4. F

C. 1. Water transport, air transport, land transport 2. From zebra crossing, 3. To go, 4. Land Transport-bus, car Water Transport-ship, boat

D. Do yourself E. Do yourself

#### Lesson-10

A. 1. a, 2. c, 3. c, 4. a

B. 1. F, 2. F, 3. T, 4. T

C. 1. Big plants are called trees. 2. Leaf, bud, flower, fruit, stem and roots. 3. Shrubs- rose, cotton Herbs- mint, spinach. 4. The hard part inside the fruit is called seed. D. Do yourself

#### Lesson-11

A. 1. c, 2. b, 3. c, 4. c

B. 1. F, 2. T, 3. F, 4. F

C. Do yourself

D. 1. Who lives on leaves or other part of a plant. 2. Animals that are tamed..... domestic animals. 3. Birds are the only.....teeth. 4. Sheep, goat, dog

E. 2. Cow, 3. Fish, 4. Hen, 5. Penguin, 6. Dog

#### Lesson-12

A. 1. c, 2. b, 3. c, 4. b

B. 1. F, 2. F, 3. T, 4. T

- C. 1. Tailor, 2. A postman .....  
 Doorstep. 3. Doctor, 4. A policeman  
 ..... belongings.  
 D. 1. Painter, 2. Barber, 3. Farmer, 4.  
 Mason, 5. Sweeper, 6. Driver  
 E. Do yourself

## **Hello Nature!-2**

### **Lesson-1**

- A. 1. c, 2. b, 3. a, 4. b  
 B. 1. F, 2. T, 3. T, 4. T  
 C. 1. It controls ..... perform. 2.  
 When we breathe ..... out air. 3. Do  
 yourself. 4. Which we cannot see. 5. We  
 have two ..... form of urine.  
 D. Do yourself E. Do yourself

### **Lesson-2**

- A. 1. b, 2. c, 3. c, 4. c  
 B. 1. T, 2. T, 3. F  
 C. 1. Food and animal. 2. Some food  
 ..... food. 3. Diet is the ..... of  
 water. 4. We need food to fight against  
 disease. 5. Some food ..... energy  
 giving food. D. Do yourself

### **Lesson-3**

- A. 1. c, 2. a, 3. c, 4. a  
 B. 1. F, 2. T, 3. T, 4. T  
 C. 1. Sheep and yak. 2. Policeman and  
 doctor. 3. Rubber and plastic. 4. Cotton  
 plants D. Do yourself

### **Lesson-4**

- A. 1. A, 2. C, 3. A, 4. A  
 B. 1. F, 2. T, 3. T, 4. F  
 C. 1. Mud, clay, straw, dry leaves, etc. 2.  
 Stilt house ..... poles. 3. Bungalow is a  
 ..... garden. 4. Houseboat is ..... water.  
 D. Do yourself

### **Lesson-5**

- A. 1. b, 2. b, 3. b, 4. b  
 B. 1. F, 2. F, 3. T, 4. T  
 C. 1. A family is a group ..... each  
 other. 2. There are three ..... Joint  
 family. 3. Nuclear family, joint family and  
 big family. 4. Do yourself D. Do yourself

### **Lesson-6**

- A. 1. b, 2. c, 3. b, 4. c, 5. b

- B. 1. F, 2. F, 3. T, 4. T, 5. F

- C. 1. Independence day, Republic day  
 and Gandhi jayanti. 2. Holi, 3. Gaur  
 is ..... served there. 4. Snake boat race  
 and Kathakali .... attraction. 5. Christmas  
 D. Do yourself

### **Lesson-7**

- A. 1. a, 2. b, 3. c, 4. c  
 B. 1. F, 2. T, 3. F, 4. T  
 C. 1. Air is all ..... wind. 2. To wash and  
 to drink. 3. A slow and ..... storm. 4.  
 Some rain water ..... tube well.  
 D. 1. Water, 2. Storm, 3. Well, 4. Rain, 5.  
 Bird

### **Lesson-8**

- A. 1. b, 2. a, 3. b  
 B. 1. F, 2. T, 3. F, 4. T  
 C. 1. Mobile and computer 2. Mass  
 communication ..... at one time. 3.  
 Communication means .....  
 Feelings etc. 4. Personal communication  
 ..... two persons. D. Do yourself

### **Lesson-9**

- A. 1. a, 2. t, 3. t, 4. c  
 B. 1. T, 2. T, 3. T, 4. T  
 C. 1. Weather is the ..... or place. 2.  
 Woollen clothes, 3. Summer, winter,  
 autumn, rainy and spring. 4. Do yourself  
 D. Do yourself

### **Lesson-10**

- A. 1. b, 2. a, 3. c, 4. c  
 B. 1. F, 2. F, 3. T, 4. T  
 C. 1. Safety means ..... on the  
 road. 2. On the road ..... zebra  
 crossing. 3. No, 4. Always get .....  
 moving bus. D. Do yourself

### **Lesson-11**

- A. 1. c, 2. c, 3. c, 4. c  
 B. 1. F, 2. T, 3. F, 4. T  
 C. 1. Sugar cane and ginger. 2. To make  
 clothes and bed sheets. 3. Plant provide  
 ..... birds. 4. Cereals and pulses .....  
 food grains. D. Do yourself

### **Lesson-12**

- A. 1. c, 2. b, 3. b, 4. c  
 B. 1. F, 2. T, 3. T, 4. T

- C. 1. Cow and goat. 2. Hone bee. 3. Buffalo. 4. Horse and donkey  
D. Do yourself

### **Hello Nature!-3**

#### **Lesson-1**

- A. 1. b 2. b 3. c 4. b 5. c  
B. 1. F 2. F 3. T 4. F 5. T  
C. 1. Turmeric, coriander, clone, cumin seeds and fruits. 2. Do yourself 3. Big and ..... trees. Small bushy ..... shrubs. Small plants ..... hurbs. 4. Kiwi, strawberry and avocado. 5. Money plant and watermelon.  
D. 1. MEHNDI 2. MINI 3. LOTUS 4. CACTUS

#### **Lesson-2**

- A. 1. b 2. c 3. a 4. b 5. c  
B. 1. F 2. T 3. F 4. T 5. T  
C. 1. The process of ..... photosynthesis. 2. Neem 3. Do yourself. 4. In autumn season 5. Bay leaves and coriander.

#### **Lesson-3**

- A. 1. c 2. b 3. c 4. b 5. c  
B. 1. F 2. F 3. T 4. T 5. F  
C. 1. Animals eat plants called herbivores and that eat flesh called carnivores. 2. They wriggle on the ground. 3. Some animals like both ..... are amphibians. 4. There is a danger ..... animals. 5. Kangaroos use ..... hind limbs.  
D. Do yourself. E. Do yourself.

#### **Lesson-4**

- A. 1. c 2. a 3. a 4. c 5. b  
B. 1. T 2. T 3. T 4. F 5. F  
C. 1. Birds fly with ..... down strock. 2. Woodpecker has ..... while climbing. 3. Do yourself. 4. Flight, body and down feathers. 5. Broad and flat beak.  
D. Do yourself. E. Do yourself.

#### **Lesson-5**

- A. 1. c 2. a 3. c 4. a 5. b  
B. 1. T 2. F 3. T 4. T 5. T  
C. 1. They have six ..... smelling tasting. 2. Do yourself. 3. They animals ..... insects. 4. Earthworm, millipede

and leech. 5. Ting animals like ..... no bones.

#### **Lesson-6**

- A. 1. a 2. c 3. c 4. c 5. c  
B. 1. T 2. T 3. T 4. F 5. T  
C. 1. The games which are played inside ..... called indoor games. The games which are ..... are called outdoor games. 2. Games are good source of ..... keep us active and fit. 3. Do yourself. 4. Do yourself. 5. Indoor : ludo, chess and badminton. Outdoor : Football, cricket and hockey. D. Do yourself.  
E. Carrom, cricket, hockey, ludo, chess, polo, lattu

#### **Lesson-7**

- A. 1. b 2. c 3. a 4. b 5. b  
B. 1. F 2. T 3. F 4. T 5. T  
C. 1. Some people who helps us at home are called domestic helpers. 2. People do different kinds of work ..... is called occupation. 3. Bags, buskers, clothes, footwear, furniture. 4. Making children under the ..... is called child labour. 5. Things which are made by hand are called handicrafts.

#### **Lesson-8**

- A. 1. a 2. c 3. b 4. a 5. b  
C. 1. F 2. T 3. T 4. F 5. T  
D. 1. People living in South India ..... rice and sambhar. 2. People who eat plant food ..... are called non-vegetarian. 3. Vegetables and fry have many ..... and nutrients in them. 4. Cereals and pulses are together ..... wheat, maize, etc. 5. Vitamins and nutrients.  
D. Do yourself.

#### **Lesson-3**

- A. 1. b 2. b 3. b 4. a 5. c  
B. 1. T 2. T 3. T 4. T 5. T  
C. 1. Steel, Copper and iron. 2. Cooking makes food soft and ..... makes food tasty. 3. Gas store or oven. 4. Boiling, frying, baking, grilling, roasting and steaming. 5. Steel, copper and iron.  
D. Do yourself. E. Do yourself.

### Lesson-10

- A.** 1. c 2. c 3. b 4. a  
**B.** 1. T 2. T 3. T 4. T 5. F  
**C.** 1. All animals need water to drink and to clean them. 2. Plants also need water like us ..... their different plants. 3. We need water for many ..... watering plants etc. 4. Every city has a water department ..... open a tap to get water. 4. Some rainwater seeps into ..... underground water. **D.** Do yourself.

### Lesson-11

- A.** 1. a 2. b 3. c 4. c  
**B.** 1. T 2. T 3. F 4. T 5. T  
**C.** 1. Do yourself. 2. 97% 3. Solid, liquid and gas 4. We can also save water by ..... for further use. 5. Nature keeps changing water from ..... is called water cycle. **D.** Do yourself.

### Lesson-12

- A.** 1. b 2. c 3. b 4. c  
**B.** 1. T 2. T 3. T 4. F  
**C.** 1. The art of making different items ..... known as pottery. 2. The person who makes clay ..... on the potter's wheel. 3. Who makes pots, called Potter. 4. The clay was pinching ..... called coiling. 5. Planters, cooking. Get vessels and toys. **D.** Do yourself.

### Lesson-13

- A.** 1. c 2. a 3. b 4. b  
**B.** 1. T 2. F 3. F 4. T 5. T  
**C.** 1. Early humans cover their body ..... start making fibers. 2. To cover our body. 3. Sari, lungi and dupatta. 4. Shirt, trousers and suits. 5. Weaving is a process of making cloth ..... are example of knitting.

### Lesson-14

- A.** 1. c 2. c 3. c 4. b  
**B.** 1. T 2. T 3. T 4. T 5. F  
**C.** 1. Letter writing is the oldest and ..... to send messages. 2. Telephone cheapest and convenient ..... just dialing their numbers. 3. People, who cannot hear or ..... is called sign

language. 4. Books, magazines and newspaper ..... people at same time. 5. Sometimes we express our feelings .... no-verbal communication.  
**D.** Do yourself.

### **Hello Nature!-4**

#### Lesson-1

- A.** 1. a, 2. a, 3. b, 4. c  
**B.** 1. T, 2. F, 3. T, 4. T  
**C.** 1. Do yourself, 2. Do yourself, 3. The people with whom ..... family. 4. Uncle, aunts and ..... family. 5. Moral and punctuality **D.** Do yourself

#### Lesson-2

- A.** 1. a, 2. c, 3. a, 4. a, 5. a  
**B.** 1. T, 2. F, 3. T, 4. T, 5. T  
**C.** 1. Our sense organs ..... around us. 2. We should wash ..... bright light, we should never put ..... cotton buds. 3. Tiny hairs ..... present in it. 4. In this script ..... on a paper. 5. Some people cannot ..... people. **D.** Do yourself

#### Lesson-3

- A.** 1. a, 2. b, 3. c, 4. b, 5. a  
**B.** 1. T, 2. F, 3. F, 4. T, 5. T  
**C.** 1. Do yourself, 2. Any work ..... occupation. 3. Architect: Who designs houses and buildings. Engineer: who designs and constructs bridges and flyover. 4. Do yourself, 5. Some people undergo ..... professional. **D.** Do yourself

#### Lesson-4

- A.** 1. a, 2. c, 3. a, 4. a, 5. b  
**B.** 1. T, 2. F, 3. F, 4. T, 5. T  
**C.** 1. We cannot work ..... recreation. 2. Football, basketball, kho-kho, cricket, etc. they provide us ground and the playing things that we need. 3. Indoor- the game we play inside the house. Outdoor: the game we play outside and in the open field. 4. Do yourself 5. Kite flying is a popular ..... basant panchami.  
**D.** Do yourself

#### Lesson-5

- A.** 1. a, 2. c, 3. a, 4. b, 5. c

**B.** 1. T, 2. F, 3. T, 4. T, 5. F

**C.** 1. Political, physical and thematic maps. 2. We already ..... directions easily. 3. A map is a ..... symbols. 4. Describing a neighbourhood ..... maps. 5. Suppose we know ..... a sketch.

**D.** Do yourself

#### Lesson-6

**A.** 1. c, 2. c, 3. b, 4. c, 5. a

**B.** 1. T, 2. T, 3. T, 4. F, 5. T

**C.** 1. The money that we pay to buy ticket is called currency. 2. One side has its value and the year of minting marked on it. 3. Some vehicles like cycles, scooters, cars, etc. are owned by us. These are called private vehicles. 4. Some vehicles like buses ..... public vehicles. 5. Do yourself **D.** Do yourself

#### Lesson-7

**A.** 1. c, 2. c, 3. a, 4. b

**B.** 1. T, 2. F, 3. F, 4. T

**C.** 1. In some school ..... eat together. 2. They provided ..... and healthy. 3. Once in a day ..... of fun. 4. At times ..... in a panghat.

#### Lesson-8

**A.** 1. c, 2. a, 3. a, 4. c, 5. a

**B.** 1. F, 2. F, 3. F, 4. T, 5. T

**C.** 1. Incisors, Canines, premolars and molars. 2. Brush your teeth ..... dentist regularly. 3. Primary teeth and permanent teeth. 4. Our teeth ..... of food. 5. Such as sweet, sour, bitter and salty.

**D.** Do yourself

#### Lesson-9

**A.** 1. a, 2. c, 3. c, 4. b, 5. a

**B.** 1. T, 2. T, 3. F, 4. T, 5. F

**C.** Do yourself **D.** Do yourself

#### Lesson-10

**A.** 1. A, 2. C, 3. A, 4. B, 5. B

**B.** 1. T, 2. F, 3. T, 4. F, 5. T

**C.** 1. In fields, 2. prepare the field. 3. Food is our basic need it gives us energy to do work. 5. Do yourself **D.** Do yourself

#### Lesson-11

**A.** 1. b, 2. c, 3. a, 4. b, 5. c

**B.** 1. T, 2. T, 3. F, 4. T, 5. T

**C.** 1. Animals like elephant ..... pinna. 2. A group of bees ..... honeycombs. 3. Groups usually consist ..... young ones. 4. Most of the ..... social animals. 5. Have you seen ..... their body.

**D.** Do yourself

#### Lesson-12

**A.** 1. C, 2. B, 3. C, 4. B, 5. C,

**B.** 1. F, 2. F, 3. F, 4. T, 5. T

**C.** 1. Perching birds like ..... of a tree. 2. Hen and peacock. 3. Climbing birds like ..... climbing. 4. Flesh eating birds ..... their prey. 5. Do yourself.

**D.** Do yourself

#### Lesson-13

**A.** 1. a, 2. a, 3. a, 4. b, 5. c

**B.** 1. F, 2. T, 3. T, 4. T, 5. T

**C.** 1. Spider web 2. Bee, wasp ..... With wax. 3. The place where animals ..... habitat. 4. Animals that live ..... aquatic animals. 5. Some animals like bats ..... nocturnal animals.

**D.** Do yourself

#### Lesson-14

**A.** 1. c, 2. a, 3. a, 4. b, 5. b

**B.** 1. T, 2. F, 3. T, 4. F, 5. F

**C.** 1. Surface water is ..... desalination. 2. A dam is ..... water supply. 3. Water cycle is the ..... those steps. 4. Solid, liquid and gas. 5. Perennial rivers flows throughout the year while non-perennial rivers are those which have no flow at least a part of the year.

**D.** Do yourself **E.** Do yourself

#### Lesson-15

**A.** 1. a, 2. b, 3. c, 4. a, 5. c

**B.** 1. T, 2. F, 3. T, 4. T, 5. F

**C.** 1. Many unwanted and harmful ..... water pollution. 2. Potable water is water ..... before using. 3. Various steps can ..... water bodies. 4. Water pollution is ..... animals and plants. 5. Water bodies get polluted ..... rivers and oceans.

**D.** Do yourself

### Lesson-16

**A.** 1. a, 2. c, 3. a, 4. a, 5. c

**B.** 1. T, 2. T, 3. T, 4. T

**C.** 1. Bridges are made ..... or temporary. 2. The bridge hangs ..... permanent bridge. 3. Bricks are cuboidal ..... bridges etc. 4. Firstly clay is ..... clay winning. 5. Who builds the house.

**D.** Do yourself

### Lesson-17

**A.** 1. c, 2. b, 3. a, 4. c, 5. a

**B.** 1. T, 2. T, 3. T, 4. F, 5. T

**C.** 1. Animals which are used ..... donkey etc. 2. Those animals which ..... and camel. 3. We should treat animals ..... vaccination. 4. Elephants are big ..... fallen trees. 5. Some animals are ..... horse and cattle.

### Lesson-18

**A.** 1. c, 2. c, 3. a, 4. a, 5. b

**B.** 1. T, 2. F, 3. T, 4. T, 5. T

**C.** 1. The non-biodegradable waste ..... waste material. 2. Recycle is the process ..... electronics, etc. 3. The biodegradable ..... waste material. 4. Unwanted things ..... waste. 5. Do yourself.

**D.** Do yourself

### **Hello Nature!-5**

#### Lesson-1

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

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

**C.** 1. The work, a person do to earn ..... his occupation. 2. The house, market, street ..... up our neighbour-hood. 3. In bank. 4. People can buy things ..... in the market. 5. In hospital.

#### Lesson-2

**A.** 1. b 2. c 3. b 4. c

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

**C.** 1. We do different activities ..... and playing games. 2. Outdoor and indoor 3. Games that are played by a ..... referrers and umpire. 4. Every player is a part of team ..... maintain team spirit. 5.

Every team has a leader ..... obey the captain. **D.** Do yourself.

### Lesson-3

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

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

**C.** 1. Kabaddi is an old popular ..... the opponent team. 2. Boat race, Thang-ta and Kalari payattce. 3. The boat race of Kerala is commonly known as Vallam kali. 4. Some of the martial arts ..... thang ta, silambam, etc. 5. Kho-kho ranks as one ..... nine players in each.

### Lesson-4

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

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

**C.** 1. India is home to the ..... Government of India. 2. The illegal hunting of ..... are called poachers. 3. We should not kill wild animals ..... and over loaded. 4. Dodo, Mammoth, Passenger ..... are extinct species. 5. Do yourself.

### Lesson-5

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

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

**C.** 1. Compound eyes  
2. Grasshoppers have hair all ..... present on their legs. 3. Dolphins, whales and bats ..... by echo location. 4. Dog communicate through ..... through symbols. 5. Do yourself.

### Lesson-6

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

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

**C.** 1. Breathing involves taking in ..... dioxide called exhaling. 2. The air you blow out is ..... our body temperature. 3. The oxygen we take in used to ..... process is called respiration. 4. Respiration does not only mean ..... release energy from it. 5. As we exhale, the lungs contract ..... to their normal size.

### Lesson-7

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

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

**C.** 1. Some people who still live .....

they are called adivasis. Adivasis usually eat fruits, ..... use spear and dart. 2. Do yourself. 3. Deforestation is an essential ..... is called deforestation. 4. Forest are large area covered with trees and bushes. 5. Forest provide us many things like food, ..... rainfall and prevent floods.

### **Lesson-8**

- A.** 1. c 2. c 3. b 4. a 5. b  
**B.** 1. F 2. T 3. F 4. T 5. T  
**C.** 1. Germination is the process by which a seed ..... and heat of sunlight. 2. Some plants have one cotyledon ..... called dicot plants. 3. Structure of a seed is covered by a thin ..... plants grows into a seedling. 4. The process by which seeds are scattered ..... animals and explosion. 5. Many plants reproduce through steam, leaves and roots.  
**D.** Do yourself.

### **Lesson-9**

- A.** 1. b 2. b 3. a 4. b 5. a  
**B.** 1. T 2. T 3. F 4. T  
**C.** 1. We should avoid spitting and urinating on the ..... keep our wardrobes and beds tidy. 2. Mahatma Gandhi, the father of the nation, ..... status in the society. 3. Respect for any kind of ..... dignity of labour. 4. Sometimes we employ helpers to do ..... or low level task. 5. Do yourself.  
**D.** Do yourself.

### **Lesson-10**

- A.** 1. a 2. b 3. c 4. c 5. c  
**B.** 1. F 2. T 3. T 4. T 5. F  
**C.** 1. The stomach turns the food and ..... the small intestine. 2. The food taste is important but only ..... water is called balanced diet. 3. Small intestine is a narrow and twisting tube. Most ..... down the food further. 4. The process by which food is broken down into ..... the body is called digestion. 5. Saliva present in our ..... through the food pipe.

### **Lesson-11**

- A.** 1. c 2. c 3. c 4. a  
**B.** 1. F 2. T 3. T 4. T 5. T  
**C.** 1. Vegetables, fruits, fish and meat ..... longer period of time. 2. Salting or Sweetening is the process of ..... salt solution to last longer. 3. The spoiled food contains micro-organism that ..... suffers from food poisoning. 4. Pickling is the process of preparing a food ..... growth of microbes. 5. (1) Uncooked rice (2) Cooked dal (3) Milk kept in refrigerator (4) Roasted papad.

### **Lesson-12**

- A.** 1. a 2. c 3. c 4. b 5. b  
**B.** 1. T 2. F 3. T 4. T 5. T  
**C.** 1. We all need water to stay alive. We cannot ..... fruits and vegetables. 2. Water is found in three states- solid as ice, ..... as water vapour. 3. The freezing point of water is  $0^{\circ}$  ..... vapour at this temperature. 4. Pure water is tasteless, colourless and ..... state as Water Vapour. 5. In cities, water from rivers is purified and ..... homes through pipelines.

### **Lesson-13**

- A.** 1. b 2. a 3. c 4. a 5. a  
**B.** 1. T 2. T 3. T 4. T 5. T  
**C.** 1. Do yourself. 2. Do yourself. 3. Animals that live in saltwater or ..... frogs, toads, salamander. 4. Aquatic life means the life that exists in water. 5. Plants that grow and live in ..... are called aquatic plants.

### **Lesson-14**

- A.** 1. a 2. c 3. b 4. b  
**B.** 1. F 2. F 3. F 4. T 5. T  
**C.** Do yourself.

### **Lesson-15**

- A.** 1. b 2. b 3. a 4. b 5. c  
**B.** 1. T 2. T 3. F 4. T 5. F  
**C.** 1. Shah Jahan 2. It is located in Delhi. It was constructed by ..... wall and a water channel. 3. It was built to commemorate ..... architect George Wittet. 4. Qutb-ud-din Abak. 5. The God



Gumbaz considered as the second ..... his daughter and grandson.

#### **Lesson-16**

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

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

**C.** 1. Astronauts travel to space on some mission. .... physically and mentally fit. 2. Kalpana Chawla was an Indian both ..... then in 2003. 3. Neil Amstrong, first human to land on the moon on July 29, 1969. 4. Mountaineering is a highly adventurous ..... trained for this activity. 5. Mountaineers need special types of clothes ..... cylinders and first aid kit.

#### **Lesson-17**

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

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

**C.** 1. People with low income also vary ..... houses are called shack. 2. Tent is a house made of a cloth or ..... mountaineers, scouts, etc. 3. Caravan is a house on wheels. It can easily ..... America use a caravan. 4. Early humans are nomads. They kept ..... search of food. They live in caves. 5. Houseboat is a house on a boat. It floats in ..... found in Srinagar and Kerala.

**D.** Do yourself. **E.** Do yourself.

#### **Lesson-18**

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

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

**C.** 1. Tsunamis are caused by ..... eruptions, landslides, etc. Cyclone is a very strong wind ..... down electric lines also. 2. Earth-quakes are measured by ..... on Epicentre. 3. When a disease spreads and ..... it is called an epidemic. 4. An earthquake is a sudden movement or ..... vibrations within the Earth. 5. Deep inside the Earth there are hot molten ..... collects in a chamber. When magma erupts ..... it is called lave. **D.** Do yourself.

#### **Lesson-19**

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

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

**C.** 1. Do yourself. 2. Helicopters are used to reach places ..... army and the VIPs. 3. (1) Broad Gauge- 1.69 metres wide (2) Metre Gauge- 1 metre (3) Narrow Gauge- .77 metre wide. 4. Roads connecting the cities are ..... run also these roads. 5. This type of roads connect important cities, ..... China and Myanmar.

#### **Lesson-20**

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

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

**C.** 1. Coal is a solid fossil fuel. It starts the ..... and produce electricity. 2. There are two types of sources of energy- ..... renewable sources of energy. 3. Petroleum is formed from buried ..... by drilling deep wells. 4. Fuels are used for many purposes like ..... producing electricity. 5. Fossil fuels are formed from the remains of ..... millions of years ago.

#### **Lesson-21**

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

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

**C.** 1. First of all farmers loosens the soil and makes it airy ..... soil is called ploughing. 2. It involves different techniques for ..... the help of narrow pipes. 3. Winnowing is done to separate the husk ..... the wind blows it away. 4. The unwanted plants that grow along the ..... known as weeds. 5. Threshing is the process of ..... trampling upon them.

#### **Lesson-22**

**A.** 1. b 2. b 3. b 4. a

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

**C.** 1. East, West, North and South 2. The four sub directions are- ..... North-West. 3. A map is a drawing of a place, a neighbourhood, a city or a country. 4. In some colonies in towns or cities, maps are ..... places in a colony. 5. A compass is a small and round ..... know the directions. **D.** Do yourself