

Based on
NEP 2020

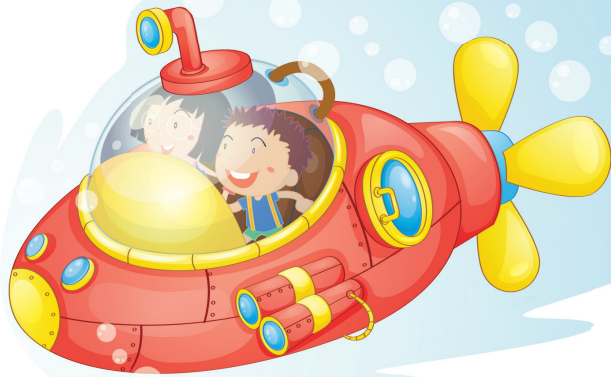
Explore
Green
World
System



2

A Book of Environmental Studies

CA Hitesh Garg
B. Com



Teacher Manual



Best Way Publication Pvt. Ltd.

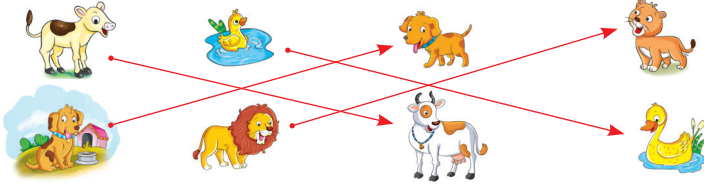
A-1/50 B, Keshav Puram, New Delhi-110035

1. Growing Up



ACADEMIC ASSESSMENT

- A. 1. (b) 2. (c) 3. (c) 4. (c) 5. (a)
- B. 1. A new born body is called an infant.
 2. Our body gets fully developed as an adult.
 3. Our body becomes weak and skin become wrinkled. One cannot walk or more properly.
 4. Seed, sapling, plant and tree-are the growing up stages of a plant.
- C. 1. older 2. grow 3. toddler 4. egg 5. puppy
- D. 1. T 2. F 3. F 4. F 5. T
- E.



ACTIVITY CORNER

- B. TODDLER SAPLING LAMB SEEDS BIRDLING KITTEN

2. Organs of Our Body



ACADEMIC ASSESSMENT

- A. 1. (c) 2. (c) 3. (b) 4. (a) 5. (b)
- B. 1. External organs and internal organs.
 2. Nose helps us to smell things.
 3. Our heart pumps blood to all parts of our body.
 4. All the bones together make a frame called skeleton.
- C. 1. T 2. F 3. T 4. F 5. T

D. a.



b.



c.



ACTIVITY CORNER

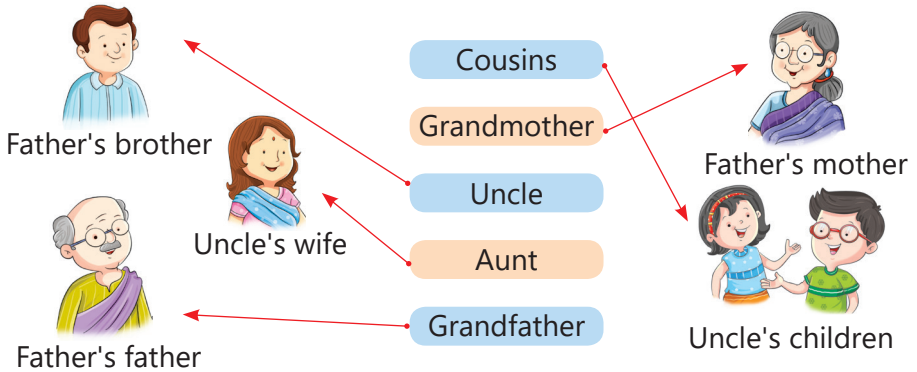
skin nose brain ears

3. Our Family



ACADEMIC ASSESSMENT

- A. 1. (c) 2. (b) 3. (b) 4. (b)
- B. 1. Parents and their children together make a family. All member of a family live together in house.
2. A family having two to four members is called a small family.
3. Small (nuclear) family, large family and joint family.
4. Parents and their children grandparents, uncles, aunts, and their children.
- C. 1. nuclear 2. parents 3. cousins 4. large 5. respect
- D. 1. T 2. F 3. T 4. F 5. F
- E.

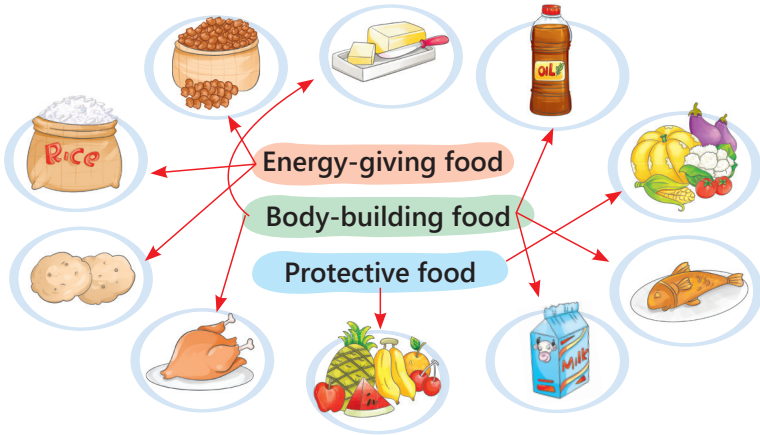


4. Our Food



ACADEMIC ASSESSMENT

- A. 1.(c) 2. (a) 3. (b) 4. (b) 5. (b)
- B. 1. We need food to stay alive.
2. Coffee, pulses, oil
3. Muscles to grow and make us strong in called body building foods.
4. A balanced diet has right amounts of all nutrients.
- C. 1. grow 2. plants 3. protective 4. Balanced
- D. 1. T 2. F 3. T 4. T 5. F



5. Our Clothes

ACADEMIC ASSESSMENT

- A. 1. (b) 2. (b) 3. (c) 4. (b) 5. (c)
- B. 1. We wear clothes to cover our body.
 2. We wear light and loose cotton clothes in summer season.
 3. We get wool from sheep.
 4. Waterproof clothes and umbrellas protect us from rain.
- C. 1. cover 2. kimono 3. waterproof 4. uniform 5. cotton
- D. 1. F 2. F 3. T 4. F 5. T
- E.



RAJASTHANI



TAMIL NADU



PUNJAB



JAPANI



SAUDI ARABIA



AFRICAN

6. The House We Live in

ACADEMIC ASSESSMENT

- A. 1.(b) 2. (c) 3. (a) 4. (b) 5. (c)
- B. 1. Pucca houses and kutcha houses.
 2. It is made up of mud, straw, leaves, and bamboo etc.
 3. Inuits (Eskimos) live in a igloo.

4. We see still houses there.

C. 1. safe 2. Houseboats 3. villages 4. floating 5. canvas

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

E



C A R A V A N



S T I L T H O U S E



I G L O O



H U T



H O U S E B O A T



T E N T

7. Services in Our Neighbourhood



ACADEMIC ASSESSMENT

A. 1. (c) 2. (a) 3. (c) 4. (b) 5. (a)

B. 1. People, place and things around our home make our neighbourhood.

2. We buy medicines, clothes, milk, pulses, etc from there.

3. When we fall sick we go to a hospital.

4. It is a place where fire engines are kept ready to put out fire.

C. 1. Services 2. bus stop 3. nurse 4. post office 5. Police

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

E.



P O S T O F F I C E



S C H O O L



H O S P I T A L



P O L I C E S T A T I O N



M A R K E T



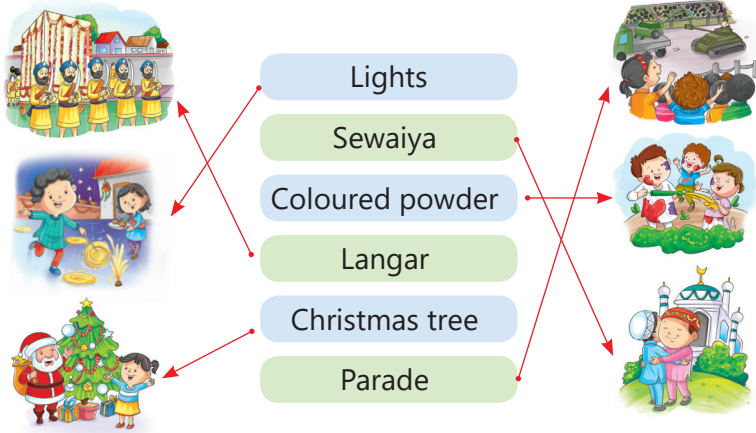
B A N K

8. Our Festivals



ACADEMIC ASSESSMENT

- A. 1. (b) 2. (b) 3. (c) 4. (b) 5. (c)
- B. 1. On this day, lord Ram returned to Ayodhya after defeating Ravana.
 2. They wear new clothes, sing corals and set up Christmas trees.
 3. Independence Day, Republic Day and Gandhi Jayanti.
 4. On the occasion of the Republic Day.
- C. 1. festivals 2. Durga Puja 3. twenty 4. Grurpurab 5. Independence
- D. 1. F 2. T 3. T 4. T
- E.



Model Test Paper – 1 Based on Chapters 1 to 8

- A. 1. (a) 2. (c) 3. (b) 4. (c) 5. (c)
- B. 1. snow 2. balanced 3. bank 4. tent 5. external
- C. 1. F 2. T 3. T 4. T 5. F
- D.



Tree



Ear



Milk



Doctor



Sheep



Houseboat

- E. 1. A lamb grows into a sheep.
 2. It is a house on a boat It is a floating house.

3. Animals and plants.
4. Independence Day, Republic Day and Gandhi Jayanti.
5. We can send and receive our letters from a post office.

9. Safety Rules and First Aid



ACADEMIC ASSESSMENT

- A. 1. (b) 2. (b) 3. (a) 4. (c) 5. (b)
- B. 1. The rules that help us to be safe are called safety ruler.
 2. We should not leave toys on the floor. We should not take medicines on our own.
 3. We should not play on the road.
 4. It is an immediate treatment given to an injured or a sick person.
- C. 1. footpath 2. sharp 3. run 4. fight 5. head
- D. 1. T 2. T 3. F 4. T 5. F
- E.



10. Means of Transport and Communication

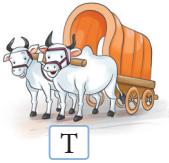


ACADEMIC ASSESSMENT

- A. 1. (b) 2. (c) 3. (c) 4. (c)
- B. 1. Land, air and water transport.
 2. We take help of a ropeway in a hilly area.
 3. Aeroplanes are the fastest means of transport.
 4. Newspaper

C. 1. feet 2. Macmillan 3. seaport 4. mass 5. ideas

D.



E. 1. a. Boat b. Steamer 2. a. Letter b. E-mail 3. a. Mobile phone b. Fox

ACTIVITY CORNER

A.



Helicopter



Metro Train



Boat

B.



C. 1. Car 2. Aeroplane 3. Boat 4. Train

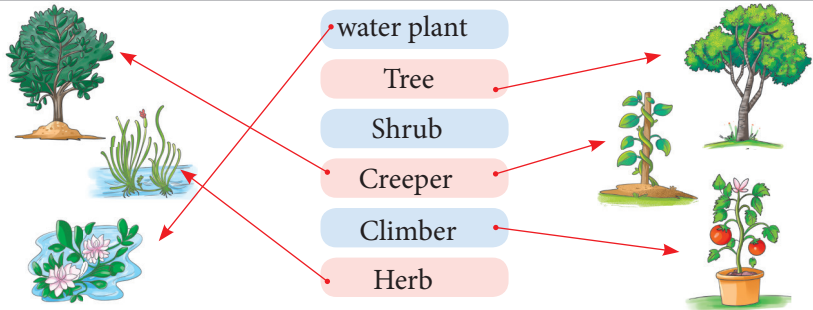
11. Plants Around Us



ACADEMIC ASSESSMENT

- A. 1. (b) 2. (c) 3. (a) 4. (b) 5. (b)
- B. 1. Leaves 2. Buds 3. Fruits 4. Wood 5. Quinine
- C. 1 They breathe, grow, need food and water.
2. A big plant is called a tree.
3. Grapevine and money plant
4. Roots, stem, leaf, flower, fruits and seeds.
5. We get fruits, vegetables, oils, rubber, wood etc.

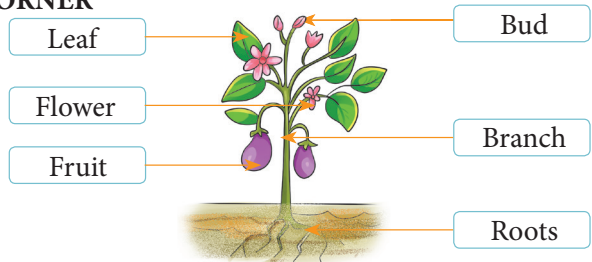
D.



E. 1. Climbers 2. Trees 3. Creepers 4. Herbs

ACTIVITY CORNER

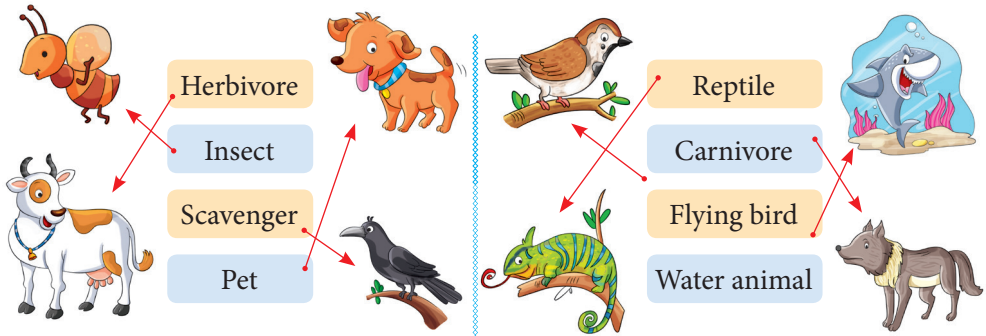
B.



12. Animals and their Food

ACADEMIC ASSESSMENT

- A. 1. (c) 2. (c) 3. (b) 4. (a) 5. (b)
- B. 1. They animals that live on land are called land animals.
 2. Tiger and elephant.
 3. They can live both on land and in water.
 4. Bear and Raccoon.
- C. 1. pet 2. frog 3. Ostrich 4. Reptiles 5. scavenger
- D. 1. F 2. T 3. F 4. F 5. T



13. Uses and Homes of Animals



ACADEMIC ASSESSMENT

- A. 1. (c) 2. (a) 3. (a) 4. (c) 5. (c)
- B. 1. Cow, goat and sheep.
2. Silk is produced from cocoons.
3. We make belt, jackets, shoes and handbags etc.
4. They live in the forests.
- C. 1. milk 2. woollen 3. saliva 4. load 5. nests
- D. 1. F 2. F 3. T 4. T 5. F
- E. 1. (d) 2. (e) 3. (b) 4. (c) 5. (a)

14. Air and Water



ACADEMIC ASSESSMENT

- A. 1. (c) 2. (a) 3. (a) 4. (a) 5. (c) 6. (c)
- B. 1. It has weight. It occupies space.
2. It becomes bigger in size.
3. Solid, liquid and gas.
4. By planting more trees By not polluting water bodies.
- C. 1. space 2. burning 3. hand pump 4. gaseous 5. cooking

D.



Water



Air



Water

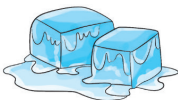


Air

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

ACTIVITY CORNER

A.



SOLID

Heat
⇌
Cool



LIQUID

Heat
⇌
Cool



GAS

B.



O C E A N



S E A



R I V E R



W E L L



R A I N



T U B E W E L L

15. Weather and Seasons



ACADEMIC ASSESSMENT

- A. 1. (b) 2. (b) 3. (a) 4. (c) 5. (b)
- B. 1. It is the condition of temperature, wind, rain etc of an area at a given time.
2. We like to have mangoes, water melons and muskmelons.
3. July, August and September.
4. It is neither too hot nor too cold. We can see flowers blooming all around.
- C. 1. windy 2. Mango 3. winter 4. March 5. autumn
- D. 1. F 2. F 3. T 4. F 5. T
- E.



1. You like to play or swim on this day.
2. Wind blows at high speed on this day.
3. The sun shines brightly on this day.
4. It rains heavily on this day.



16. The Earth



ACADEMIC ASSESSMENT

- A. 1. (b) 2. (c) 3. (a) 4. (c) 5. (c)
- B. 1. It is covered with land, water and air.

2. Land, plants, mountains plateaus, desert etc.

3. They refer to the land covered with the sand.

C. 1. earth 2. blue 3. air 4. ocean 5. Mountains

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

E. 1. (b) 2. (d) 3. (e) 4. (a) 5. (c)

Model Test Paper – 2 Based on Chapters 9 to 16

A. 1. (a) 2. (a) 3. (c) 4. (b) 5. (a)

B. 1. air 2. weather 3. sea 4. stable 5. drinking

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

D.



Car



Hut



Helicopter



Tube well



Monkey



Mountains

E. 1. We should not play on the road.

2. We should not stand in front of a swing.

3. Land- car, bus, Air -Helicopter, Aeroplane Water- Boat, Steam.

4. In sheds and stables receptively.

5. Tomato, rose and cucumber.

6. It is the largest water body on the earth. It has salty water.