



Orchid



Environmental Studies

1



ANSWER KEY

Earthda
Sae Noise
Water Polluti





Start-up :- Do Yourself

Test Your Skills :-

A Match the following. 1. (b) 2. (a) 3. (d) 4. (c)

B Answer the following questions. Do Yourself

Life Skills :- When we meet someone for the first time, we can greet them with “Hi” or “Hello” or Good morning / afternoon / evening.



Try this :- 1. (T) 2. (F) 3. (T)

Test Your Skills :-

A Look at the pictures and name the sense organ being referred in each case.

1. Eyes, 2. Tongue, 3. Ear 4. Skin, 5. Nose

B Answer the following questions.

1. Eyes, ears, nose, tongue and skin are called sense organs.
2. Legs help us to walk and run.
3. We can keep our body neat and clean by taking bath daily and by wearing clean clothes.
4. Teeth help us to chew and bite.

C Fill in the blanks. 1. legs, 2. mouth, 3. fingers, 4. eyes, 5. should.

Activity Time :- (A) 1. Surprised, 2. happy, 3. angry.
(B) 1. (e), 2. (c), 3. (b), 4. (a), 5. (d).

Life Skill :- Do Yourself

Value Based Question :- Ans - (1) Point



Start-up :- 1. (✓) 2. (X) 3. (X) 4. (X) 5. (✓)

Test Your Skills :-



A Tick (✓) Good Habits and cross (X) the Bad Ones.

- | | | |
|--------|--------|--------|
| 1. (✓) | 4. (X) | 7. (X) |
| 2. (✓) | 5. (✓) | 8. (X) |
| 3. (✓) | 6. (✓) | |

B Answer the following questions.

1. Do Yourself
2. Two safety rules you must follow on the road are :-
 - i) We should cross the road at the zebra crossing.
 - ii) We should follow the traffic lights.
3. Two safety rules we follow at school.
 - i) we should not run around or jump over the desks as we may get hurt.
 - ii) we should obey our teachers and study hard.
4. Two safety rules we follow at home
 - i) we should not scatter things on the floor.
 - ii) we should not touch electric wires and switches.

C Name these people who protect us from danger.

1. Police man
2. Fire man

D Fill in the blanks.

1. knife,
2. dustbin,
3. zebra crossing,
4. wet,
5. stop, go

Activity Time :- Do Yourself

- Life Skill :-
- (a) If you see a injured puppy on the road you should take care of that dog, take him to your home or near by hospital for treatment.
 - (b) If you see a blind person crossing the road, you should go to him and help him to cross the road.

4

MY FAMILY



Try this :- 1. Cousins 2. For eg. Dada ji / Dadi ji

Test Your Skills :-

A Give the name of the other gender for the following family relations.

1. Grandmother,
2. Aunty,
3. Sister,
4. Mother

B Answer the following questions.

1. A joint family, is where parents and their children, uncles, aunties and their children and as well as grandparents live together in the same house.
2. A family with three or four members is called small family.
3. The children of your uncles and aunts are your cousins.



4. Parents of our parents are our grandparents.
5. Your brothers and sisters are your siblings.

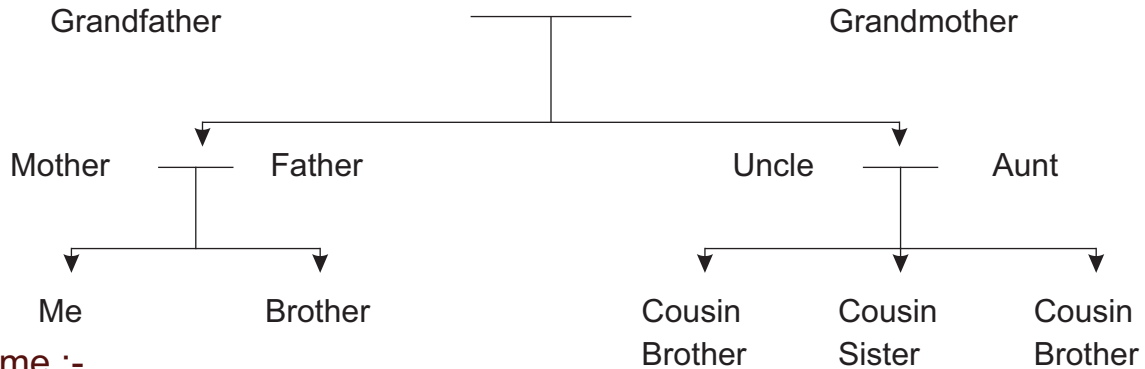
C

Fill in the blanks.

1. Do it yourself
2. Do it yourself
3. Do it yourself
4. Family
5. Share, care

D

Mention the correct name below the picture.



Activity Time :-

1. Birthday celebration,
2. Playing chess,
3. Playing ludo,
4. Playing carrom board,
5. Having dinner together,
6. Watching T.V.

Life Skill :- Self doing

Value Based Question :- Yes, I agree with the statement, as parents are equal to God, and Serving one's parent one can serve God through them.

5

FOOD WE EAT



Try this :- 1. Three, 2. Plants, 3. Animals

Test Your Skills :-

A Put a cross (X) on the unhealthy food we should avoid and tick (✓) on healthy food. Try Yourself

B Answer the following questions.

1. We need food for our survival. It helps us to grow, provide us energy to work, play, study and keep us away from sickness.
2. Two healthy food habits are :-
 - i) wash fruits and vegetables before eating.
 - ii) wash your hands before and after every meal.
3. We get fruits, vegetables, pulses and cereals from plants.
4. We get milk, meat and eggs from animals.
5. Eggs, milk and pulses are some body-building foods.
6. Bread, chapati, rice, sugar, ghee and butter are some energy-giving foods.



C Match the followings.

1. (b), 2. (d), 3. (a), 4. (c)

D Fill in the blanks.

1. breakfast 2. grow, energy 3. chew 4. junk 5. plants, animals

Activity Time :- → Fruits, Eat, Vegetable, Meat, Oil, Egg

Life Skill :- Self doing → 3rd point (✓)

Value Based Question :-

No, it is not good to waste food, as food is our basic need and we can not survive without food.
We should not waste food.

6

CLOTHES AND SEASONS



Start-up :- 1. Skirt, 2. T-shirt, 3. Sweater, 4. Shirt

Try this ! :- 1. warm, 2. dry, 3. cool, 4. clean

Test Your Skills :-

A Match the clothes with the country or state..

Do it yourself

B Answer the following questions.

1. We need clothes as it is our basic need and protect us from the cold, heat, insect bites, rain, dust and dirt.
2. We wear uniform at particular place of work.
3. We wear cotton clothes in summer as it absorbs sweat easily.
4. We wear woollen clothes in winter to keep ourselves warm.

C Write the names of the seasons in the blanks.

1. SUMMER 2. MONSOON 3. WINTER

Activity Time :-

A) raining, raincoat, gumboots, umberella, boat, ground, frog.

B) 1. Astronaut, 2. Pilot, 3. Doctor, 4. Watchman, 5. Fireman, 6. Sea Diver.

Life skills :-

Yes, we should take proper case of your clothes, By following ways we can take care of our clothes :-

1. By wearing ironed clothes.
2. By wearing neat and tidy clothes.



3. By washing them daily.
4. By sitting properly at the table.
5. By keeping white clothes away from coloured clothes while washing.

Value Based Question :- First point : Donate to someone who needs them.

7

WATER



Start-up :- Three uses of water are -

1. Cleaning house
2. Watering plants
3. Washing clothes and utensils.

Test Your Skills :-

A Can you find out these sources of water in the word box. One is done for you.

R	I	V	E	R	W	E
J	L	A	T	A	N	K
W	E	L	L	I	N	L
O	C	P	O	N	D	A
O	C	E	A	N	O	K
N	P	T	A	N	K	E
S	T	R	E	A	M	N

B Answer the following questions.

1. Three sources of water; River, Rain water, Ocean.
2. Three uses of water are :
 - i) We need water for washing clothes and utensils.
 - ii) We need water for watering plants.
 - iii) Animals need water too.
3. We should drink pure water because; Impure water can make us fall sick.

C Fill in the blanks.

1. Survival
2. Sources
3. Clean
4. Water
5. Sick

Activity Time :-

1. Boating
2. Swimming
3. Wind Surfing
4. Fishing
5. River rafting
6. Scuba diving

Life skills :-



We can avoid wastage of water by following :

- i) keep the tap closed when not in use.
- ii) check for openings or leaks in water distribution pipes.
- iii) Go for a quick shower rather than wasting buckets of water.

Value Based Question :-

When garbage is dumped into the rivers or water bodies, they cannot be degraded and get accumulated in the bodies and will release toxic compounds which kill the plants and animals in river or ponds.

8

HOUSE WE LIVE IN



Test Your Skills :-

A Match the pictures.

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

B Answer the following questions.

1. Different rooms in a House are :

- i) Drawing room
- ii) Kitchen
- iii) Dining room
- iv) Bedroom
- v) Washroom
- vi) Store room
- vii) Study room

2. We need house to protect us from heat, cold, storm, rain, wild animals, thieves and it also keeps us safe and comfortable.

3. Pucca House are made of cement, bricks, iron, concrete and woods.

4. Kutcha houses are not that strong and made up of wood, straw, bamboo and mud are found in villages mostly.

C Unscramble the letters with the help of given clues.

1. HUT, 2. HOME, 3. KITCHEN

D Name the type of houses accordingly.

1. Pucca House, 2. Pucca House, 3. Kutcha House

Activity Time :- (A) Find the things that are used to build a house in the word grid.

S	T	R	A	W	S
C	E	M	E	N	T
A	B	U	W	C	E
F	E	D	O	D	E
G	I	R	O	N	L
U	H	L	D	M	L



Life skills :-

We can keep our house clean and healthy :-

1. By keeping thing on their proper places.
2. By throwing waste in dustbin.
3. Dustbin should always be covered to keep flies and other insects away.
4. By helping our parents in cleaning.
5. By decorating house with paintings.

Value Based Question :-

Yes, we should help our mother in cleaning our home as alone she can not look after so many rooms.

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MY NEIGHBOURHOOD



Start-up :- 1. MARKET, 2. HOSPITAL, 3. PARK, 4. RAILWAY STATION.

Test Your Skills :-

A Think and match. Where will you go to do the following activities?

1. Bank,
2. Bus stand,
3. Hospital,
4. Market,
5. Post office

B Answer the following questions.

1. People living opposite to each other are our neighbours.
2. There are many important places in our. Surrounding, these place near our home are our neighbourhood.
3. Some important places in our neighbourhood are :
 - i) Market
 - ii) Hospital
 - iii) Police station
 - iv) School
 - v) Park
 - vi) Worship places
4. We go to post office to buy stamps, postcards and envelopes.
5. We keep our money and jewellery safe in bank.

C Circle the correct option.

1. Walk,
2. Bus stop,
3. Bank,
4. Fire station,
5. Market

Activity Time :-

The responsibilities of a good neighbour is :-

- i) To keep their surrounding neat and clean.
- ii) To plant more trees.
- iii) By maintaining peace and harmony.
- iv) By helping each other in neighbourhood.
- v) By maintaining cleanliness in public places like; park.



Life skills :-

Ways to keep our neighbourhood clean and healthy :

- i) Pick up garbage and other waste items everyday.
- ii) Compost food waste and seek advice if you don't know how.
- iii) Recycle those thing which can be used again.
- iv) Work with the local social group to maintain the beauty of the environment.

Value Based Question :-

1. If you found any animal injured in your neighbourhood try to take care of that animal. Take that animal to near by vet hospital or your home.
2. When you see someone throwing garbage in park, and ask him/he to throw garbage into dustbin.

10

COMMUNITY HELPERS



Start-up :- 1. Teacher, 2. Cobbler, 3. Milkman

Try this! :-

We need helpers to make our work and life easy and comfortable, as they help us in different kinds of work which we are unable to do sometimes.

Test Your Skills :-

A Match the columns A, B and C.

- | | | |
|----------|-----------|----------|
| 1. c, ii | 3. b, iii | 5. f, iv |
| 2. a, i | 4. e, vi | 6. d, v |

B Answer the following questions.

1. Milkman, sweeper and watchman are three community helpers we use every day.
2. Domestic helpers our community helpers. They serve us in many ways and make our work easy.
3. Gardener took care of our garden.
4. Doctor treats us when we are sick.

C Fill in the blanks.

- | | | | | |
|-------------|-----------|---------------|------------|--------------|
| 1. Postman, | 2. Shoes, | 3. Carpenter, | 4. Doctor, | 5. Policeman |
|-------------|-----------|---------------|------------|--------------|

Life skills :-

We can show our respect to our helpers in many ways.

- i) Be patient while talking to your helpers.
- ii) By saying thank you, express your appreciation for their time, work and help.



- iii) Treat your helpers with respect and kindness.
- iv) Think about your language and tone before you speak.

Value Based Question :-

There are many community helpers, who help us in our work :

- i) Teacher iii) Dentist v) Chef
- ii) Tailor iv) Mechanic vi) Waiter

We can volunteer and can help our community helpers in need by :

1. Donating money or other supplies to support community helpers.
2. We can donate food, clothes to local shelters or other organizations.
3. When someone is going through a difficult time, be a good listener and guide them.



Try this :- 1. Yes, 2. Yes, 3. Yes

Test Your Skills :-

A Match the people with the tools they use. One has been done for you.

- 1. (ii), 2. (iii), 3. (i), 4. (v), 5. (iv)

B Answer the following questions.

1. Try yourself
2. Principal is the head of school.
3. We learn to write, read, draw and colour, to sing and dance in school.
4. We celebrate Independence day, teacher’s day, Annual day and many more festivals in school.
5. We play football, hockey, cricket and basketball in school.

C Find the name of 8 things you use in the school in the following word search. Use pictures as clues.

S	H	A	R	P	E	N	E	R
P	E	N	C	I	L	X	U	U
Z	I	B	V	B	O	O	K	L
C	R	A	Y	O	N	I	S	E
A	B	R	U	S	H	A	H	R
N	A	X	E	R	A	S	E	R
P	M	X	K	P	A	I	N	T
B	A	G	Q	E	M	N	X	Y



Life skills :- Besides reading and writing we learn many other things in school we learn to draw and colour, to sing and dance, to speak, to play different games.

Value Based Question :- 1. (✓), 2. (X), 3. (X)

12

MEANS OF COMMUNICATION



Start-up :- 1. Telephone, 2. Carrier pigeons, 3. Newspaper, 4. Radio

Try this ! :- Fastest mode of communication is telephone.

Test Your Skills :-

A Which means of communication would you use? Match the following.

1. (v), 2. (i), 3. (ii), 4. (iii), 5. (iv)

B Answer the following questions.

1. Computer, Smartphones and Newspaper.
2. We can send written messages through letters or postcards.
3. Telephone is the fastest means of communication.
4. Communication means sending and receiving information. It can be one through different methods.

C Fill in the blank using the clue box given below.

1. Telephone 2. e-mails, 3. television, 4. letters, 5. internet

D Colour and name these means of communication.

1. Radio, 2. Smart phone, 3. Computer

Activity Time :- 1. Letters, 2. Gmail
3. ① Carrier pigeons ② Postman ③ Smartphone

Life skills :-

If you want to send message to your grandmother asking her how she is doing. You may send her your message through letters or by smartphone, as now days everyone has smartphone or Internet facility.

Value Based Question :-

Communication is a best and easiest way to spread information or awareness through various communication modes we can do it for example, we can spread awareness through Smartphone, Computer, Newspaper, Magazine.





Start-up :-

H	E	L	I	C	O	P	T	E	R
S	H	I	P	B	E	T	R	A	M
B	U	S	X	W	C	P	A	M	Q
O	R	K	Z	P	Y	A	I	O	J
A	U	T	O	D	C	C	N	Y	M
T	B	R	K	O	L	A	P	T	V
S	C	O	O	T	E	R	D	P	G

- Try this! :-
- Vande Bharat Express.
 - Sailboat, Yacht, Submarines and boats move in water.

Test Your Skills :-

A Match the columns A, B and C.

- (b)
- (c)
- (a)
- (e)
- (f)
- (d)

B Answer the following questions.

- Three different means of transports are land, water and air.
- Bus and car are two means of land transports.
- Aeroplane and glider are two means of air transport.
- Ships and boats are two means of water transport.
- Train is the fastest means of land transport.

C State whether the following statements are 'True' or 'False'.

- False,
- False,
- True,
- True

D Colour and name the means of transportation..

- Ship,
- Bus,
- Train

Activity Time :-

<u>Air</u>	<u>Water</u>	<u>Road</u>
Aeroplane	Ship	Rickshaw
Rocket	Boat	Bullock cart
Helicopter	Yacht	School Bus
		Train
		Bicycle
		Truck



Life skills :- 1. (✓), 2. (X), 3. (X), 4. (✓)

Value Based Question :-

With the increase in vehicles on road, the problem of noise and air pollution is increasing day by day in cities.

1. We can contribute in this problem by reducing the over use of vehicles.
2. We can take public transports.
3. We can walk to short distance.
4. Use of CNG Kit-fitted vehicles can help reduce air pollution.
5. Choose vehicles with quieter tires or use electric vehicles to reduce noise pollution and can save petrol and diesel.

14

OUR EARTH



Start-up :-

Things that makes the Earth happy

Cleaning Garden, save water, planting
more trees, Throwing garbage in bin

Things that makes the Earth unhappy

Industrialization,
car pollution

Test Your Skills :-

A Identify the landforms and write their names.

1. Plains, 2. Plateau, 3. Mountains, 4. Forests, 5. Hills

B Answer the following questions.

1. Globe is a mini model of the planet earth.
2. Earth is like a big ball. It is round in shape. It is the only planet on which life exists.
3. Land can be divided into plains, hills, mountains, plateaus and forests. These are natural features and are called landforms.
4. Plateau is an area of flat land that is higher than the surrounding land.
5. Blue colour in a globe indicate water. It is symbol of water.

C Fill in the blanks.

1. Earth, 3. Plateau, 5. Forests.
2. Hills, 4. Earth,



Activity Time :-

Ways to protect our Earth.

- i) By planting more n more trees.
- ii) By reducing use of plastic and hazardous products which can harm earth.
- iii) By saving water and reducing wastage or overuse of water.

Life skills :-

We call our planet 'Mother Earth' because among all planets only life is possible on planet 'Earth'. We can only survive on planet 'Earth'. Earth provide for the necessities of life such as air, food water just like a mother takes care of the needs of her children.

Value Based Question :-

We should not throw garbage here and there because garbage is wastage and it should be thrown int dustbin not here and there. Garbage may cause water land pollution and can make our surrounding dirty and unhealthy.

15

PLANTS AROUND US



Start-up :- 1. Mango Tree 2. Lotus 3. Mint Plant 4. Rose Plant 5. Money Plant
6. Banyan Tree

Try this :-

If there were no plants on Earth life would be impossible, because plants are the primary source of food and oxygen.

Test Your Skills :-

A Fill in the blanks.

1. trees, 2. ground, 3. food, shelter and medicines, 4. rose, 5. mint.

B Answer the following questions.

1. Different types of plants are :
i) trees ii) shrubs iii) herbs iv) climbers v) creepers
2. Shrubs are smaller than trees but bigger than herbs. They have bushy and hard stem.
For examples; Rose, tulsi, and lemon.
3. Creepers are plants that spread on the ground while climbers are plants that climb on walls or some other plant for support, they cannot stand on their own.
4. Plants that are very tall and have strong stems called trunk are known as trees.
For example, Mango tree and Neem tree.
5. Plants are green in colour because of a pigment called chlorophyll, present in plant leaves.



C Match the Column A with the information given in the Column B.

1. (b), 2. (d), 3. (a), 4. (c)

D Write two names for each of the following.

1. Mango tree, Banyan tree
2. Rose, Lemon
3. Mint, Spinach
4. Money plant, Beans

Life skills :-

Plants are our best friends because they provide us with many things that help us to survive and live happily.

Value Based Question :-

1. (✓), 2. (X), 3. (✓), 4. (X), 5. (✓), 6. (✓)

16

ANIMALS AROUND US



Start-up :- 1. Dolphin, 2. Parrot, 3. Tiger, 3. Cow, 4. Dog

Try this :- Try Yourself

Test Your Skills :-

A Match the animals given in Column A with types given in Column B. Also match them to their homes in Column C.

1. (iv) - (b), 2. (v) - (a), 3. (ii) - (e), 4. (i) - (c), 5. (v) - (d)

B Answer the following questions.

- Domestic animals can be kept at home they are not wild and are very useful to us.
For example ; Cows and buffaloes.
- Farm animals are kept on farms and they are useful to us.
For examples ; hens and horse.
- Wild animals live in forest or can be seen in zoo.
For examples ; lion and bear.
- Animals are useful to us. They help us in many ways ;
i) We get eggs from hen. ii) We get milk from goat, cow and buffalo.
- Three homes of animals are
i) Dog lives in kennel. ii) Cow lives in shed. iii) Lion lives in Den.

C Write the names of animals according to statements given below.

1. Hen, 2. Dog, 3. Cow, 4. Elephant, 5. Sheep, 6. Oxen

D Write T for True and F for False. 1. (F), 2. (F), 3. (T), 4. (T), 5. (F)



Activity Time :- (a) Giraffe, Zebra, (b) Fish, Ducks, (c) Pig, sheep, (d) Cat, Dog,
(e) Cow

Life Skills :-

We all love to keep a pet animal and we must take good care of them. There are many ways of caring your pets. Like;

- i) Take your pet for regular checkups with the veterinarian at least once or twice in a year.
- ii) Make sure your pet's environment is safe and free from hazards, toxic substances.
- iii) Feed your pet high-quality food from the day you bring them home.

17

SUN, MOON AND STARS



Start-up :- 1. Sun, Birds, rainbow, clouds and kites. 2. Moon and Stars.

Try this :- We are unable to see stars in day light because the sun's bright light makes the sky too bright to see the dimmer stars.

Test Your Skills :-

A Colour and name the following.

1. Sun,
2. Crescent Moon,
3. Star

B Answer the following questions.

1. Moon changes its shape everyday in the night sky.
2. Stars and Sun look so small because they are very far away from the planet earth.
3. There are seven colours in the rainbow.
4. We can see Moon and Stars at night.

C Write 'M' for morning activity, 'A' for afternoon activity, 'E' for evening activities and, 'N' for activity done at night.

1. (M),
2. (E),
3. (N),
4. (M)

D Tick (✓) the correct option.

1. Day,
2. Moon,
3. Sun,
4. Star

Activity Time :- 1. Draw Sun in box 1. 2. Draw Rainbow in box 2.

Life Skills :- Yes, plants and animals need sun's heat to survive. Plants make food with the help of sun and animals need right amount of sunlight or heat for energy and nourishment.

Value Based Question :- 1. (✓), 2. (✓).

