

Environmental Studies-4 (Answers)

CHAPTER-1 :

1. Answer the following questions :

(a) What are internal organs ?

Ans. Which part of our body are located inside the body are called internal organs.

(b) Which is the master organ of our body ?

Ans. The brain is the master organ of our body.

(c) Describe the heart.

Ans. Heart is a muscular pump which supplies blood to all the parts of the body. It is located inside the chest between the two lobes of another internal organ named lungs.

(d) Name an organ responsible for the process of respiration.

Ans. Lungs are responsible for the process of respiration.

(e) Which is the largest internal organ of our body ?

Ans. The liver is the largest internal organ of our body.

(f) What is the colour of the kidneys ?

Ans. The colour of kidneys is reddish brown.

2. Identify the following internal organs :

Heart Lungs Brain Liver

3. Fill in the blanks using the words given below :

(a) organs (b) brain (c) respiration (d) stomach (e) largest (f) kidneys

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

CHAPTER-2

1. Answer the following questions :

(a) What are living things ?

Ans. The things which have life in them are called living things.

(b) What are non-living things ?

Ans. The things which do not have life in them are known as non-living things.

(c) How do plants move ?

Ans. The plants do not move from one place to another. They show movement through their different parts, such as roots and shoots.

(d) How do animals reproduce ?

Ans. Some animals give birth to their young ones, such as man, cow, horse, etc. while some animals like birds, snakes, frogs, etc. lay eggs and hatch them into young ones.

(e) Give an example how animals feel.

Ans. If we bring fire near a dog or any animal it will keep itself away. This means that animals also feel.

(f) How do animals respire ?

Ans. Animals respire through their noses, gills, skin, etc.

2. **Fill in the blanks using the words given below :**

(a) life (b) grow (c) food (d) plants (e) respire (f) reproduce

3. Do it yourself.

4. **Put a tick (✓) or a cross (×) :**

(a) ✓ (b) ✓ (c) ✓ (d) × (f) × (g) ✓

5. **Match the following :**

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

ACTIVITY TIME

1. **Here are some points. Rearrange them in their respective columns.**

Ans. Plants	Animals
movement is limited	move from one place to another
make their own food	depend on plants for their food.
growth is throughout their life.	grow up till a certain age

CHAPTER-3

1. **Answer the following questions :**

(a) What is the importance of food ?

Ans. Food is very important for us, because it gives us energy, helps in growth of body and keeps us healthy and strong.

(b) From where do we get food ?

Ans. We get food from plants and animals.

(c) List some of the food products of plants.

Ans. The food grains, fruits, vegetables, pulses, spices, edible oils, beverages are some important food products of plants.

(d) What are the sources of beverages ?

Ans. The plants are the sources of beverages.

(e) What are the sources of eggs ?

Ans. The hens and ducks are the sources of eggs.

(f) List some of the food products of animals.

Ans. The milk, meat, eggs, fish, etc. are some important food products of animals.

2. **Fill in the blanks using the words given below :**

(a) food (b) food grains (c) vegetables (d) spices (e) beans (f) milk

3. **Write 'T' for true and 'F' for false :**

(a) T (b) F (c) T (d) F (e) F (f) T

4. **Look at the pictures and name the source of each food product :**

Plants	Animals	Animals
Animals	Plants	Plants

5. Tick (✓) the correct word :

(a) fruit (b) bud (c) leaves (d) milk (e) animals (f) chicken

6. Arrange the following in appropriate column :

<u>Foodgrains</u>	<u>Fruits</u>	<u>Vegetables</u>	<u>Spices</u>	<u>Beverages</u>
gram	bananas	spinach	ginger	tea
wheat	plum	tomato	bay leaf	coffee
maize	mangoes	cauliflower	clove	
bajra	cherries	cabbage	cinnamon	

ACTIVITY TIME

3. Take help from your teacher and sort these foodgrains out :

<u>Cereals</u>	<u>Pulses</u>
wheat	arhar
maize	gram
jowar	moong
rice	urhad
bajra	

CHAPTER-4

1. Answer the following questions :

(a) Why do we need water ?

Ans. We need water to stay alive.

(b) What are the different sources of water ?

Ans. The different sources of water are rain, rivers, lakes, ponds, wells, waterfalls, seas, oceans, etc.

(c) Which is the most important source of water ?

Ans. The rain is the most important source of water.

(d) What are the sources of underground water ?

Ans. Wells, tubewells, handpumps, etc. are the sources of underground water.

(e) Which is the purest source of water ?

Ans. A tap is the purest source of water.

2. Fill in the blanks using the words given below :

(a) water (b) rain (c) stationary (d) salty (e) tubewells (f) tap

3. Match the following :

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

CHAPTER-5

1. Answer the following questions :

(a) What are the different food groups ?

Ans. The different food groups are milk group, meat group, fruits group, vegetables group, cereal group, pulses group, etc.

(b) What are nutrients ?

Ans. Nutrients are the substances which provide nourishment to our body. We get them from various food items.

(c) What are the three types of food ?

Ans. The three types of food are energy giving food, body-building food and protective food.

(d) Give some examples of body-building food.

Ans. Some examples of body building food are rice, potato, wheat, corn, sweets, etc.

(e) Why do we need protective food ?

Ans. We need protective food to keep our body free from various diseases.

(f) What is a balance diet ?

Ans. A diet containing all the essential nutrients along with water and roughage is known as a balanced diet.

2. Fill in the blanks using the words given below :

(a) meat (b) foodgrains (c) carbohydrates (d) protein (e) water

3. Write the nutrients present in each food item.

Protein carbohydrates fats vitamins minerals

4. Do it yourself.

CHAPTER-6

1. Answer the following questions :

(a) What do you understand by food preservation ?

Ans. The safe storage of food from getting spoiled is known as food preservation.

(b) Name some methods of cooking food.

Ans. Some important methods of cooking food are baking, steaming, boiling, frying, roasting, etc.

(c) Name some methods of preserving food.

Ans. Some main methods for preserving food are freezing, drying, bottling and canning, salting, sweetening, etc.

(d) What is sweetening ?

Ans. Sweetening is the process of adding sugar to the food for its preservation.

(e) How will you purify water ?

Ans. We can purify water by boiling and cooling, because boiled water is free from germs.

2. Fill in the blanks using the words given below :

(a) preservation (b) drying (c) salt (d) boiling (e) chemicals

(f) precious

3. Do it yourself.

4. Write 'T' for true and 'F' for false :

(a) F (b) T (c) T (d) F (e) F

5. Do it yourself.

CHAPTER-7

1. **Answer the following questions :**

(a) What kind of material should be used for the construction of the house ?

Ans. The materials used for the construction of the house should be good so that the house become strong enough.

(b) What do you understand by a spacious house ?

Ans. A large house which has many rooms for different purposes is known as a spacious house.

(c) What do you understand by good electrical conditions ?

Ans. Good electrical conditions means all the electrical things, such as wires, gadgets, etc. should be of good quality.

(d) What are the different parts of the house ?

Ans. The different parts of a house are drawing room, dining room, bed room, study room, bathroom, kitchen, lavatory, lawn, etc.

(e) Where do you study ?

Ans. We study in the study room.

2. Do it yourself.

3. **Fill in the blanks using the words given below :**

(a) plan (b) sunlight (c) dirty (d) plumbing (e) lawn (f) sleeping (f) kitchen

4. Do it yourself.

ACTIVITY TIME

4. **Write a note on features of a house.**

Ans. The house in which we live should be spacious, airy and sunny. It should have good drainage system, good plumbing system and good electrical conditions. It should have all the necessary parts like-lawn, drawing room, dining room, bedroom, study room, kitchen, bathroom, lavatory, etc.

CHAPTER-8

1. **Answer the following questions :**

(a) What are the two main kinds of houses ?

Ans. The two main kinds of houses are temporary houses and permanent houses.

(b) What is a temporary house made up of ?

Ans. A temporary house is made up of weak construction materials such as mud, leaves, bamboo, straw, etc.

(c) What are the types of temporary houses ?

Ans. There are several types of temporary houses such as hut, thatched house, wooden house, tent, caravan, igloo, etc.

(d) What is a permanent house ?

Ans. A very strong house which stays for a longer period is known as permanent house.

(e) What are the types of permanent houses ?

Ans. The types of permanent houses are single storeyed house, double storeyed house, multi-storeyed house, bungalow, skyscrapers, etc.

(f) What are the different kinds of roofs ?

Ans. The different types of roofs are flat roof, sloping roof, semi-circular roof, etc.

2. Fill in the blanks using the words given below :

(a) hut (b) tent (c) caravan (d) Eskimos (e) permanent (f) bungalow

3. Do it yourself.

4. Write 'T' for true and 'F' for false :

(a) T (b) F (c) T (d) F (f) T (g) F

5. Match the following :

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

CHAPTER-9

1. Answer the following questions :

(a) What is a map ?

Ans. A map is an outline sketch of a place on a flat surface like paper.

(b) What is marked on the map ?

Ans. The routes and positions are marked on the map.

(c) What is an exact map ?

Ans. A map having a scale is known as exact map.

(d) What is a world map ?

Ans. A map showing the entire surface of the earth is called a world map.

(e) What is the advantage of a map ?

Ans. Maps help the finder to find a place whether of small or long distance destination.

2. Fill in the blanks using the words given below :

(a) map (b) guide (c) scale (d) world (e) arrows (f) locate

3. Write 'T' for true and 'F' for false :

(a) T (b) F (c) F (d) T (e) T (f) F

4. Do it yourself.

CHAPTER-10

1. Answer the following questions :

(a) Why should we care for the clothes ?

Ans. We should take proper care of our clothes, because these are very costly and important for us.

(b) What are the steps involved in the care of clothes ?

Ans. The various steps like washing, drying, ironing, storing of clothes are involved in the care of clothes.

(c) How are woollen clothes cleaned ?

Ans. The woollen clothes are cleaned by the process of dry-cleaning.

(d) How will you keep the woollen clothes ?

Ans. We shall keep the woollen clothes in separate briefcases or boxes.

(e) What is the importance of ironing the clothes ?

Ans. Ironing gives shape and shine to the clothes.

(f) What do you understand by the protection of clothes ?

Ans. Protecting the clothes from dust, dirt, rats, mice and insects is known as the protection of clothes.

(g) What are the importance of naphthalene balls ?

Ans. The naphthalene balls protect the clothes from insects.

2. Fill in the blanks using the words given below :

(a) cloth (b) dirty (c) dried (d) ironing (e) torn (f) rats, insects

3. Do it yourself.

4. Write 'T' for true and 'F' for false :

(a) F (b) F (c) T (d) F (e) F (f) T

5. Match the following :

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

CHAPTER-11

1. Answer the following questions :

(a) What are the different fibres for making clothes ?

Ans. The different fibres for making clothes are wool, silk, cotton, rayon, terylene, etc.

(b) What do you understand by spinning ?

Ans. The process of turning and twisting of fibres for making a continuous yarn is called spinning.

(c) Who are weavers ?

Ans. A person who weaves the yarn into cloth is called a weaver.

(d) What is bleaching ?

Ans. Bleaching is the process by which the cloth is decolourized.

(e) What is the finishing of the cloth ?

Ans. The final treatment given to the cloth is called finishing of the cloth.

2. Fill in the blanks using the words given below :

(a) animal (b) artificial (c) spinning (d) yarn (e) bleaching (f) dyeing

3. Do it yourself.

4. Tick (✓) the correct word :

(a) a plant (b) Terylene (c) weaver (d) white (e) bleach (f) Tailor

CHAPTER-12

1. Answer the following questions :

(a) What is body care ?

Ans. To keep the body in a healthy condition is called body care.

(b) How will you clean your ears ?

Ans. We should use soft cotton buds to clean our ears.

(c) How will you take care of your skin ?

Ans. We should take a bath everyday with soap and lots of water to keep our skin clean.

(d) Why should we clean gums ?

Ans. We should clean our gums everyday, because gums are the base of the teeth.

(e) Why should we do exercises ?

Ans. We should do exercises, because they make our body strong and healthy.

(f) What is the importance of rest ?

Ans. Rest is very important, because when we sleep or take rest our body relaxes and regains back its lost energy.

2. Write what will happen if -

Ans. (a) The fingers may contain germs which may lead to various problems.

(b) The germs can enter the body and cause infections.

(c) A dirty tongue can cause many infections in the stomach.

(d) This may cause bleeding.

3. Do it yourself.

4. Match the following.

1. f 2. d 3. e 4. a 5. b 6. c

5. Fill in the blanks using the words given below :

(a) steam (b) gums (c) nails (d) barefooted (e) exercises (f) perfect (g) eight

6. Write 'T' for true and 'F' for false :

(a) T (b) F (c) T (d) T (e) T

7. Do it yourself.

CHAPTER-13

1. Answer the following questions :

(a) What do you mean by cleanliness all around ?

Ans. The cleanliness all around means a clean house and its clean surroundings.

(b) How will you clean your house ?

Ans. We do many things to keep our house clean, like -

(i) We broom and mop floors everyday.

(ii) We dust everything regularly.

(iii) We remove cob-webs from the walls every week, etc.

(c) What is the use of a rat trap ?

Ans. We use a rat trap to remove the rats from the house.

(d) How will you clean the bathroom ?

Ans. We clean our bathroom with a hard brush having bristles.

(e) Why do we need to clean the surroundings ?

Ans. We need to clean the surroundings, because the dust, dirt and mud outside make our house also dirty.

(f) What are closed garbage house ?

Ans. The closed garbage house is that big garbage house where we can empty our house dustbin.

2. Fill in the blanks using the words given below :

(a) cleanliness (b) curtains (c) insecticide (d) kitchen (e) brush
(f) surroundings (g) dustbin

3. Do it yourself.

4. Tick (✓) the correct word :

(a) duster (b) kitchen (c) covered (d) both (e) clean

5. Match the following.

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

CHAPTER-14

1. Answer the following questions :

(a) What is the need to dispose the wastes ?

Ans. The disposal of wastes is necessary to keep the surroundings neat and clean.

(b) How will you dispose the solid water ?

Ans. We can dispose the solid wastes by the methods of open dumping, sanitary land filling, etc.

(c) What is the open dumping ?

Ans. To dump the wastes in the open places is called open dumping.

(d) What is sanitary landfilling ?

Ans. The method of disposal of solid wastes in deep and big pits is known as sanitary landfilling.

(e) What is destruction of wastes ?

Ans. Destruction of wastes is getting rid of wastes or finishing it completely.

(f) What is a soakage pit ?

Ans. The soakage pit is a common method for disposal of liquid waste.

2. Fill in the blanks using the words given below :

(a) collection (b) dustbin (c) unhygienic (d) destruction (e) air (f) soakage

3. Do it yourself.

4. Write 'T' for true and 'F' for false :

(a) F (b) F (c) F (d) F (e) F (f) F (g) T (h) T (i) T (j) T

5. Match the following :

(a) iii (b) i (c) ii

ACTIVITY TIME

2. Write a note on 'OPEN DUMPING'

Ans. The open dumping is a common method of disposal of solid wastes. In this case the wastes are dumped in the open places. This method of disposal of wastes provide a good ground for mosquitoes and insects. Hence, we can not say it a good method of disposal of solid wastes.

CHAPTER-15

A. Answer the following questions :

(a) What do you understand by the term recycling ?

Ans. Recycling is the process by which the waste articles are changed into some useful raw material.

(b) What are the advantages of recycling ?

Ans. The advantages of recycling are :

(i) It helps to reduce the waste materials.

(ii) It provides raw material for making new products.

(c) Name some things which can be recycled ?

Ans. Paper, plastic, glass, metals, etc. can be recycled.

(d) How is paper recycled ?

Ans. Paper is collected by a kabaddi who sells it to the paper recycling factory. In this factory this paper is turned into pulp and this pulp is used to produce new paper.

(e) Why should we clean glass pieces before melting ?

Ans. We should clean glass pieces before melting, because by this process any kind of foreign particle having in broken pieces is removed.

(f) Name some metals which can be recycled ?

Ans. Iron, copper, gold, silver, aluminium, etc. can be recycled.

2. Fill in the blanks using the words given below :

(a) collection (b) yellowish (c) paper (d) glass

(e) heating, softening, melting (f) polythene

3. Do it yourself.

4. Write 'T' for true and 'F' for false :

(a) T (b) F (c) T (d) F (e) F (f) T (g) T

5. Complete the following steps of recycling :

1. Collection of waste paper → taking the waste paper in paper recycling factory → turning it into pulp → passing of the pulp through large machines → drying of the wet paper → cutting in desired sheets.

2. Collection of glass pieces → bringing these pieces a in glass recycling factory → cleaning of glass pieces → melting of glass pieces → pouring in the moulds.

3. Collection of waste metals → bringing them in metal recycling

factory → cleaning of the metal articles. → heating them at a high temperature → melting of metals → giving desired shape.

ACTIVITY TIME

2. Write the reuse of each of these :

Paper : Different kinds of paper products can be made by the waste paper, such as cards, flowers, bags, baskets, plates, etc.

Glass : New glassware can be made by melting the waste glass.

Metals : New metal articles can be made by waste metal articles.

Plastics : New plastic things can be made by the waste plastic articles.

CHAPTER-16

1. Answer the following questions :

(a) What is pollution ?

Ans. The contamination of any part of the environment by products produced due to human activities is known as pollution.

(b) What are pollutants ?

Ans. The things which pollute the environment are called pollutants.

(c) What are different kinds of pollution ?

Ans. The different kinds of pollution are air pollution, water pollution, noise pollution, etc.

(d) What are the causes of air pollution ?

Ans. The causes of air pollution are :

(i) Factories and industries release harmful gases, dust, smoke, soot, etc. These substances make air impure.

(ii) The smoke of vehicles combine with air and make it impure.

(iii) The smoke produced by forest fire, and dust storm also causes air pollution.

(e) What are the hazards of noise pollution ?

Ans. The hazards of noise pollution are :

(i) Excessive noise pollution can make a person temporarily or permanently deaf.

(ii) It disturbs sleep and reduces work efficiency.

(iii) Headache is the common ill effect of noise pollution.

2. Fill in the blanks using the words given below :

(a) pollutants (b) fuels (c) harmful (d) drinking (e) noises (f) headache

3. Match the following :

1. c 2. a 3. b

4. Do it yourself.

5. Write 'T' for true and 'F' for false :

(a) T (b) F (c) F (d) T (e) T (f) T (g) T

CHAPTER-17

1. Answer the following questions :

(a) What is first aid ?

Ans. The immediate help rendered to the injured person before the doctor's arrival is known as first-aid.

(b) What are the principles of first aid ?

Ans. The principles of first-aid are :

(i) To save life.

(ii) To promote recovery.

(iii) To prevent worsening of the condition of the victim.

(c) What first-aid should be given if the nose bleeds ?

Ans. In case of bleeding from the nose, we should :

(i) Make the victim sit in an upright position with his head slightly bent forwards.

(ii) Then pinch the nostrils together firmly.

(iii) Also apply an ice-pack or wet cloth on the nose for ten minutes.

(d) How will you treat a chemical burn ?

Ans. To treat a chemical burn we should do :

(i) Wash the chemical from the body with large quantity of water.

(ii) Cover the burnt area with a clean wet cloth.

(iii) Then treat it as for all burns.

(e) How will you treat a victim of insect bite ?

Ans. In case of an insect bite, we should :

(i) Remove the sting first by pressing both sides of the wound with your fingers.

(ii) Then the injured part is washed with ammonia water.

(iii) To reduce pain place ice on affected part.

(f) What is fainting ?

Ans. The fainting means being in a state of unconsciousness.

2. Fill in the blanks using the words given below :

(a) accidents (b) life (c) fractures (d) blisters (e) fainting (f) snake

3. Do it yourself.

4. Match the following :

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

5. Write 'T' for true and 'F' for false :

(a) F (b) F (c) T (d) T (e) T (f) T

CHAPTER-15

1. Answer the following questions :

(a) What is the importance of festivals ?

Ans. Festivals are very important for us, because they keep our traditions alive and teach us that good always wins over evil.

(b) What are national festivals ?

Ans. Some festivals are celebrated by all the people throughout our nation. These are called national festivals.

(c) Why do we celebrate Independence Day ? And when ?

Ans. We celebrate our Independence Day on 15th August. On this day, in 1947, India became free after a number of years.

(d) What are religious festivals ?

Ans. The festivals related to various religions are called religious festivals.

(e) How do we celebrate Dussehra ?

Ans. Dussehra is celebrated for ten days. The scenes from Ramayana are staged as 'Remlila' during these ten days. On the tenth day, the effigies of Ravana, Meghnada and Kumbhkarna are burnt. These are burnt to mark the victory of good over evil.

(f) What is Gurupurab ?

Ans. Gurupurab is the festival of Sikhs.

(f) What are the harvest festivals ?

Ans. The festivals related to the seasons of different types of crops are called harvest festivals.

(h) When do we celebrate Children's Day ?

Ans. We celebrate Children's Day on the 14th of November.

2. Do it yourself.

3. **Write the dates when we celebrate these festivals :**

- | | |
|-----------------|--------------------|
| (a) 15th August | (b) 26th January |
| (c) 2nd October | (d) 25th December |
| (e) 13th April | (f) 15th September |

4. **Match the following :**

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

5. **Fill in the blanks using the words given below :**

- (a) festivals (b) Holi (c) Dussehra (d) Deepawali (e) Guruparab
(f) yellow (g) Bihu

6. **Study the following events and write the names of the festivals associated with them.**

- (a) Republic Day (b) Holi (c) Diwali (d) gurupurab (e) Id
(f) Christmas (g) Onam (h) Baisakhi

7. **Tick (✓) the correct words :**

- (a) Mahavira Jayanti (b) joy (c) Mahatma Gandhi (d) Christians (e) Kerala

CHAPTER-19

1. **Answer the following questions :**

(a) What is the community singing ?

Ans. Community singing is an act of working together in a group.

(b) What do songs sung in Prabhat Pheries teach us ?

Ans. The songs sung in Prabhat Pheries encourage us :

- (i) to be good (ii) to have good morals (iii) to do good
(iv) to get up early in the morning.

(c) What is the importance of community singing ?

Ans. The community singing teaches us to live together with love in the community.

(d) Name two songs which you sing in a group.

Ans. Names of two songs are : Jana-gana-mana and Vande Matram.

(e) What is the importance of festival songs ?

Ans. The festivals songs bring a sense of unity, love and brotherhood in people.

(f) What are the folk songs ?

Ans. The songs of different states are known as folk songs.

2. Fill in the blanks using the words given below :

(a) community (b) Probhat (c) motivative (d) unity, togetherness
(e) love (f) Ladies (f) folk

3. Do it yourself.

4. Write 'T' for true and 'F' for false :

(a) F (b) T (c) T (d) F (e) T (f) T

CHAPTER-20

1. Answer the following questions :

(a) What is the role of the school health club ?

Ans. A school health club plays an important role to maintain the health of the school children.

(b) Who are the members of the school health club ?

Ans. The physical training instructor, yoga teacher, aerobics teacher, doctor and nurse are the members of school health club.

(c) What is the full form of P.T.I. ?

Ans. The full form of P.T.I. is Physical Training Instructor.

(d) What is a P.T.I. called in some schools ?

Ans. In some schools P.T.I. is commonly called as a sports teacher.

(e) What are aerobic exercises ?

Ans. Aerobic exercises are some special exercises which are done to strengthen the heart and lungs.

(f) What is the role of a doctor and a nurse in the school health club ?

Ans. A doctor and a nurse take care of sick or ill school children and they also organise special health camps for the children.

2. Fill in the blanks using the words given below :

(a) exercises (b) sports (c) yoga (d) aerobics (e) doctor (f) health

3. Do it yourself.

4. Tick (✓) the correct word :

(a) healthy (b) sports (c) Table (d) Yoga (e) Basketball (f) children

5. Match the following :

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

6. Do it yourself.

CHAPTER-21

1. Answer the following questions :

(a) What is community service ?

Ans. A service which is done for the welfare and betterment of the community is known as community service.

(b) What are the agencies of community service ?

Ans. The institutions which perform community services are known as the agencies of community service ?

(c) What are the agents of community service ?

Ans. The people who work for agencies of community services are called the agents of community service.

(d) How is a school an agency of community service ?

Ans. A school is an agency of community service, because it makes people literate.

(e) How is a fire station an agency of community service ?

Ans. A fire station is an agency of community service, because it saves the lives of people in a community whenever there is a fire.

2. Fill in the blanks using the words given below :

(a) school (b) hospital (c) fearless (d) postman (e) firemen

3. Match the agents with the agencies.

(I) e (II) b (III) a (IV) c (V) d

4. Match the agent with the role :

(I) c (II) e (III) d (IV) a (V) b

ACTIVITY TIME

4. Write a note on IMPORTANCE OF COMMUNITY SERVICE.

Ans. Community service means do work for the welfare and betterment of the community. These services are provided by some important agencies like hospital, school, fire stations, postoffice. police station etc. All these agencies make our lives safe, easy, peaceful and comfortable.

CHAPTER-22

1. Answer the following questions :

(a) What is public property ?

Ans. The things which belong to the common man or public are known as public property.

(b) What is private property ?

Ans. The things which belong to a single individual and cannot be used by the public are known as private property.

(c) What is the importance of market ?

Ans. A market is very important place for us, because we buy the things of our requirement from market.

(d) How will you care for the buses ?

Ans. The following things can be done to care for the buses :

(i) Always keep the buses neat and clean.

(ii) Never damage the seats in the bus.

(iii) Never spit inside the bus.

(iv) Protect the buses from bad or anti-social elements of the society during riots, etc.

(e) How will you care for the parks ?

Ans. The following things can be done to care for the parks :

(i) Always keep the parks neat and clean.

(ii) Never pluck flowers from the park.

(iii) Never urinate or spit in the park.

(iv) Grow more and more plants in the park.

(f) How will you keep your school neat and clean ?

Ans. The following things can be done to keep the school neat and clean :

(i) Throw the wastes in the dustbin.

(ii) Do not spoil the walls of the school by writing on them.

(iii) Do not damage the desks, benches, chairs, etc. of your school.

(iv) Do not pluck flowers from the school garden.

2. Do it yourself.

3. **Fill in the blanks using the words given below :**

(a) public (b) private (c) market (d) protected (e) trains

(f) bus-stand (g) school

4. **Match the following :**

1. c 2. a 3. f 4. b 5. d 6. e

5. Do it yourself.

6. **Write 'T' for true and 'F' for false :**

(a) F (b) T (c) T (d) F (e) T

CHAPTER-23

1. **Answer the following questions :**

(a) What are the three layers of earth ?

Ans. The three layers of earth are-crust, mantle and core.

(b) What are the two basic motions of the earth ?

Ans. The two basic motions of the earth are-rotation and revolution.

(c) What is rotation ?

Ans. The spinning of the earth on its own axis is known as its rotation.

(d) What is revolution ?

Ans. The motion of the earth in its elliptical orbit around the sun is called its revolution.

(e) What causes day and night ?

Ans. The rotation of the earth causes day and night.

(f) How are seasons caused ?

Ans. The revolution of the earth around the sun causes the formation of seasons.

(g) What is the affect of seasonal changes on the lifestyle of man ?

Ans. Man eat food and wear clothes according to the season, for example he wears cotton clothes in summer whereas woolen clothes in winter season. Similarly, in summer he takes cold drinks and in winter, he takes hot drinks. Thus, we can say that seasonal changes affect the lifestyle of man.

2. Do it yourself.

3. **Fill in the blanks using the words given below :**

(a) axis (b) imaginary (c) rotation (d) year (e) tilted (f) equator (g) seasonal

4. **Label the three layers of the earth :**

Crust

Mantle

Core

CHAPTER-24

1. **Answer the following questions :**

(a) What are the natural resources ?

Ans. All the gifts of nature are called natural resources.

(b) What are rocks ?

Ans. The solid substances which make up the outermost layer of the earth are called rocks.

(c) What is the need of soil ?

Ans. We need soil to grow plants.

(d) What are the uses of water ?

Ans. We need water for drinking, bathing, washing, cooking, watering plants, etc.

(e) Why do we need air ?

Ans. We need air to breathe.

(f) Which is the source of various forms of energy ?

Ans. The sunlight is the source of various forms of energy.

(g) From where do we get metals ?

Ans. We get metals from the deep beneath the surface of the earth.

(h) What are fossil fuels ?

Ans. The fossil fuels are the underground resources.

3. **Fill in the blanks using the words given below :**

(a) buildings (b) soil (c) drinking (d) conservation (e) sunlight
(f) coal (g) natural gas

4. Give the full forms of :

Liquidified petroleum Gas Compressed Natural Gas

5. Write 'T' for true and 'F' for false :

(a) F (b) F (c) T (d) T (e) F (f) T

6. Match the following :

1. f 2. e 3. a 4. d 5. c 6. b

CHAPTER-25

1. Answer the following questions :

(a) What is transportation ?

Ans. Transportation is an act of moving people or goods from one place to another.

(b) What are the three means of transport ?

Ans. The three means of transport are land transport, water transport and air transport.

(c) Which is a very fast moving vehicle on road ?

Ans. Car is very fast moving vehicle on road.

(d) Which is the fastest means of transport ?

Ans. Aeroplane is the fastest means of transport.

(e) What is the importance of water transport ?

Ans. The importance of water transport is that it links the many countries of the world to each other.

(f) What were the limitations of hot air balloon flight ?

Ans. The limitations of hot air balloon flight were :

(i) It was risky.

(ii) It could not fly on a no wind day.

(iii) Its movement was restricted in the direction of the wind.

2. Do it yourself.

3. Match the following :

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

4. Fill in the blanks using the words given below :

(a) transport (b) road, rails (c) motorcycle (d) Train (e) fastest (f) helicopter

5. Write 'T' for true and 'F' for false

(a) F (b) T (c) F (d) T (e) T

CHAPTER-26

1. Answer the following questions :

(a) What is communication ?

Ans. The communication is an act of sending and receiving messages, thoughts and information.

(b) What are the different means of communication ?

Ans. The different means of communication are telephone, post and telegram, fax, etc.

(c) What is mass communication ?

Ans. Mass communication is an act through which messages are communicated to masses or a large group of people at the same time.

(d) What all are the means of print media ?

Ans. The means of print media are newspapers, magazines, books, etc.

(e) What is the importance of telephone ?

Ans. The importance of telephone is that two people who may be thousands of kilometres apart, can actually talk to each other on a telephone.

(f) What is the importance of radio ?

Ans. The importance of radio is that an illiterate person can listen news, music, plays, etc. on a radio, because it is a means of audio-communication.

(g) How are communication satellites important ?

Ans. The communication satellites are very important because they have made it possible for us to watch 'live' programmes.

2. Match the following :

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

3. Fill in the blanks using the words given below :

(a) communication (b) fax (c) radio (d) television (e) newspaper (f) computer

4. Write the full form of :

Subscribers Trunk Dialing
International Subscribers Dialing

5. Match the following :

1. d 2. a 3. f 4. b 5. c 6. e

7. Write 'T' for true and 'F' for false :

(a) F (b) T (c) T (d) F (e) T (f) F

CHAPTER-27

1. Answer the following questions :

(a) What is the need of following safety rules ?

Ans. In order to avoid accidents we should follow the safety rules.

(b) How will you cross the road ?

Ans. We use a zebra-crossing for crossing the roads.

(c) How will you walk on the road ?

Ans. We shall use a footpath to walk on the road.

(d) How will you get into a bus ?

Ans. We get into a bus by making a queue.

(e) What are the rules for the bicycle riders ?

Ans. The rules for bicycle riders are :

- (i) Never ride a bicycle in the middle of the road.
- (ii) Never ride your bicycle behind a big vehicle.
- (iii) Do not play tricks while riding.

2. Do it yourself.

3. **Fill in the blanks using the words given below :**

(a) accidents (b) triple (c) run (d) play (e) pavement (f) queue

4. **Write 'T' for true and 'F' for false :**

(a) T (b) F (c) T (d) F (e) F (f) T

CHAPTER-28

1. **Answer the following questions :**

(a) How was the fire discovered ?

Ans. One day, early man was rubbing two stones for making his tools. While rubbing the two stones, some sparks of fire came out. The early man noticed those sparks and he got a method to generate fire on his own will.

(b) What observations did early man make on seeing the fire ?

Ans. The following observations made the early man on seeing the fire :

(i) He noticed the warmth of fire.

(ii) He tasted a piece of flesh and noticed that the cooked flesh was much tastier and softer to eat. His observation made him understand that fire could be very useful to him.

(c) How did early man use fire ?

Ans. The early man used fire for cooking food, for warmth, for security and for clearance of land.

(d) What are the uses of fire today ?

Ans. Today we use fire for many purposes like cooking food, making things in factories, etc.

(e) What are the disadvantages of fire ?

Ans. The disadvantages of fire are :

(i) It can cause burns of buildings, things, living beings, etc.

(ii) It causes pollution of air.

3. **Fill in the blanks using the words given below :**

(a) caves (b) fire (c) warmth (d) cooking (e) air

4. **Write T for true and F for false :**

(a) T (b) F (c) T (d) F