

1

Plants Around Us

TIME TO ANSWER

A. Answer the following questions :

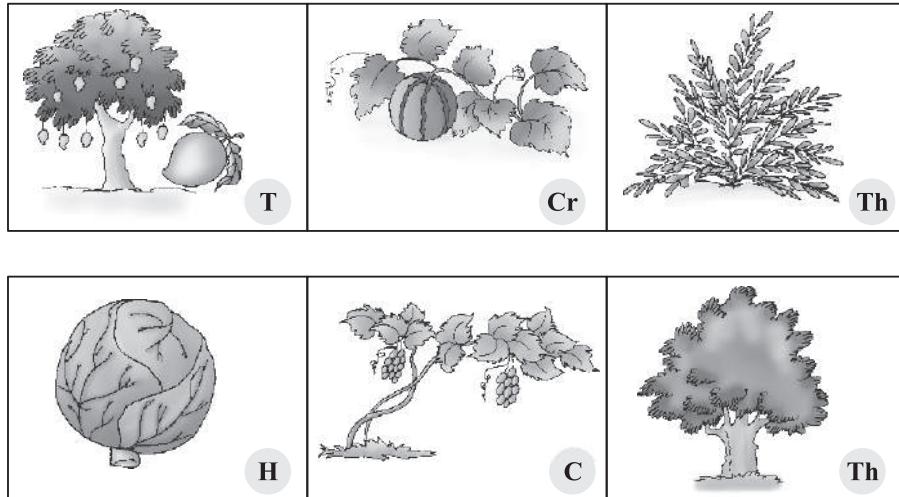
- Ans.**
1. Banyan, Gulmohar, Neem
 2. Small and bushy plants called shrubs.
 3. Climber
 4. Water melon and Pumpkin.

B. Put a tick (✓) for correct and cross (✗) for wrong statement :

- Ans.** 1. ✗ 2. ✗ 3. ✓ 4. ✓

C. Look at the following pictures and write 'T' for tree, 'S' for shrub, 'H' for herb, 'C' for creeper and 'Th' for thorny plant.

Ans.



D. Fill in the blanks with the correct words. Choose the words from the box.

- Ans.**
1. Plants are of different **shapes** and sizes.
 2. Plants are **living** things.
 3. Plants which grow along the ground are called **Creepers**.
 4. Climbers need support to stand.

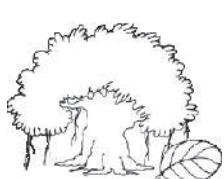
Time To Act

A. Colour and name the following :

Ans. Colour Do yourself.



Rose



Banyan



Pine

B. Go to a garden or a park with your parents or teachers. Try to identify and distinguish trees, shrubs, herbs, climbers, creepers and thorny plants.

Ans. Do yourself.

2

Where Do Plants Come From?

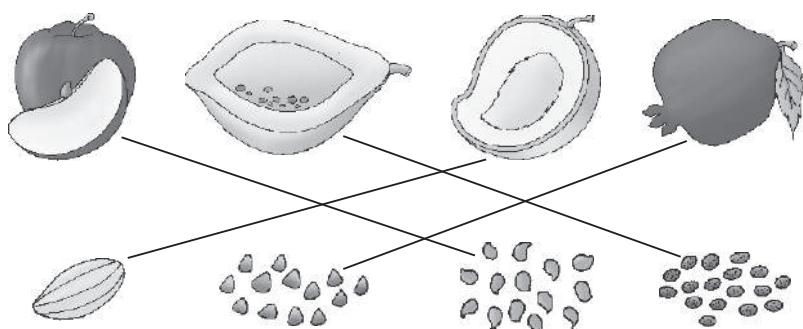
TIME TO ANSWER

A. Answer the following questions :

- Ans. 1. Papaya, 2. Orange.
2. Mango.
3. Pomegranate.
4. All seeds have a baby plant inside them.

B. Join the fruits to their seeds :

Ans.



C. Put a tick (✓) for correct and cross (✗) for wrong statement :

- Ans. 1. ✗ 2. ✗ 3. ✓ 4. ✗ 5. ✓

D. Fill in the blanks with the correct words. Choose the words from the box.

- Ans. 1. Different fruits are of different **shapes** and sizes.
2. Most of the plants we see around us bear **flowers**.
3. Coconut has only one **seed** in it.
4. Air, water, **sunlight** and soil are four good friends of a baby plant.

Time To Act

Look at the seeds daily for a week and Answer the following questions:

- Ans. 1. Do the seeds in the first cup grow? Yes, It grow rapidly
2. Do the seeds in the second cup grow? No,
3. Do the seeds in the third cup grow? No,
4. Do the seeds in the fourth cup grow? No,

Now, write the things that a seed need to grow into a new plant.

- Ans. A seed need to grow-air, water and sunlight into a new plant.

3

Parts of a Plant

TIME TO ANSWER

A. Answer the following questions :

- Ans. 1. The part of the plant under the ground is called the root.
2. The stem is the strongest part of the plant.

3. Leaves make food for the plants.
4. Flowers look beautiful.

B. Fill in the blanks with the correct words. Choose the words from the brackets.

- Ans.** 1. Most leaves are **green** in colour. 2. Flowers are of **different** shapes and sizes.
3. **Rose** give us sweet smell. 4. Roots fix the **plant** gto the soil.

Time To Enjoy

- A. Why do plants need leaves?** ① ② ③ ④
Ans. Plants need leaves to make

F	O	O	D
---	---	---	---

B. Who am I? Find out :

- Ans.** 1. I float like a boat.
2. I fix the plant into the soil.
3. I always face the sun.
4. Do not touch me.
I may hurt you.

LOTUS
ROOT
SUNFLOWER
CACTUS



Time To Act

- Ans.** Do yourself.

4

Our Food from Plants

TIME TO ANSWER

A. Answer the following questions :

- | | | |
|----------------------|-------------|--------------|
| Ans. 1. Wheat | Rice | Jawar |
| 2. Orange | Papaya | Pomegranate |
| 3. Lady's Finger | Brinjal | Spinach |
| 4. Grams | Moong | Arhar |
| 5. Chilli | Ginger | Cloves |

B. Match the following plants with their products.

- | | Plant | Product |
|----|--------------|----------------|
| 1. | | |
| 2. | | |
| 3. | | |

C. Write 'T' for true and 'F' for false statement.

- Ans.** 1.F 2.F 3.T 4.F

Fun Time

Complete the following crosswords with the help of pictures.

- Ans.**



D. Match the following columns :

Ans.	Column A	Column B
1.	Pumpkin	(a) Seedless fruit
2.	Banana	(b) Dry fruit
3.	Stem	(c) The national bird of India
4.	Almond	(d) Creeper
5.	Peacock	(e) Reptile
6.	Snake	(f) Strongest part of the plant

6

Food and Shelter of Animals

TIME TO ANSWER

A. Answer the following questions :

- Ans. 1. Elephant, Cow
 2. Lion, Vulture
 3. Squirrel Sparrow
 4. Monkey lives on the tree.
 5. A horse lives in a stable.

B. Study the following directions carefully and complete the table.

Ans.	Names	Column-I	Column-II	Column-III
1.	Lion	Animals	Flesh	Den
2.	Cow	Animals	Plant	Shed
3.	Pigeon	Bird	Grain	Nest
4.	Frog	Animals	Insect	Ponds
5.	Spider	Animals	Insect	Web
6.	Snake	Animals	Flesh	Holes

Fun Time

Join the picture with the letters to get the name of a fish-eating bird.

Ans.  +  + ER = KINGFISHER

Time To Act

Collect the three pictures each of plant-eating, insects-eating and grain-eating animals and paste them in your scrap book.

Ans. Do yourself.

7

Animals Babies

TIME TO ANSWER

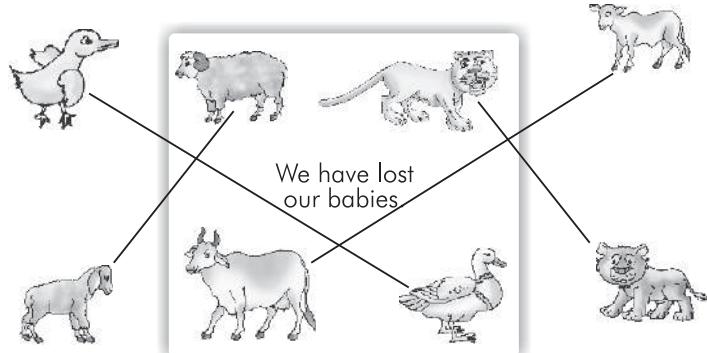
A. Answer the following questions :

- Ans. 1. The baby of a dog called puppy.

2. The baby of a cat called kitten.
3. The mother of a colt called horse.
4. No,
5. The baby of a hen called chickens.

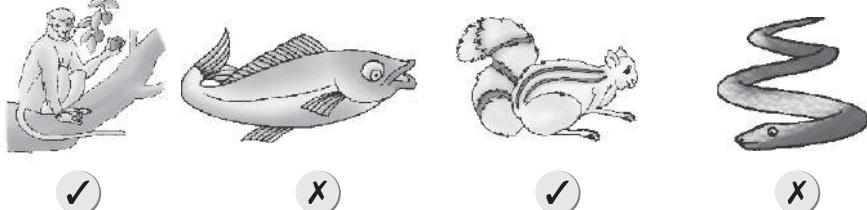
B. Help these babies to reach their mothers. Draw an arrow to join the baby with its mother.

Ans.



C. Tick (✓) the animals which give birth to young babies and cross (✗) which lay eggs.

Ans.



Fun Time

Join the dots and colour the pictures. Also write the names of animals.

Ans. Do yourself.



Bear



Owl

Unit-3 Air, Water and Weather

8

Air

TIME TO ANSWER

A. Answer the following questions :

- Ans.**
1. Living things need air to breathe.
 2. When the air blows fast it is called wind.
 3. Air is necessary for burning.

Take two burning candles.

Now take an empty glass.

Put this glass over a burning candle. It will go off.

But other is burning till now.

Thus, we can say that the air is necessary for burning.

B. Put a tick (✓) for correct and cross (✗) for wrong statements :

- Ans.**
1. ✓ 2. ✗ 3. ✗ 4. ✓ 5. ✓

C. Name three things which move with the help of air.

Ans. Kite Leaves flowers

Time To Act

"Animals need air to breathe." Try the following activity to see it.

Ans. In small holes in the lid of jar's cockroach is alive and other jar's cockroach died.



Fun Time

Ans. Do yourself.

9

Water

TIME TO ANSWER

A. Answer the following questions :

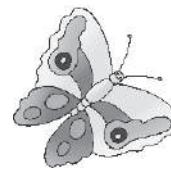
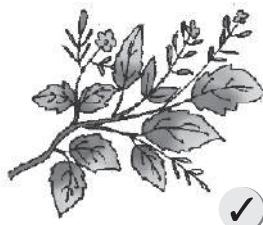
- Ans.** 1. We can not live without water.
3. Rain is the main source of water.
2. Plants need water to grow.
4. We should not waste water.

B. Write 'T' for true and 'F' for false statement :

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

C. Tick (✓) the things which need water to stay alive.

Ans.



D. What will happen if

- Ans.** 1. It is impossible for us to live without rain, plants does not grow.
2. All living things need water to live, so they will not live.

Time To Act

Ans. Do yourself.

10

Weather

TIME TO ANSWER

A. Answer the following questions :

- Ans.** 1. Condition of the air is called weather.
3. In Hot weather when we wear cotton clothes.
2. In cold weather we love to have hot tea and coffee.
4. A rainbow have seven colours.

B. Write 'T' for true and 'F' for false statement :

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

C. Which is the correct sequence of colours in a rainbow?

Ans. 1. VIGBROY 2. VIBGYOR 3. VIBGOYR ✓ 4. VIGBYOR

D. When do we use these things?

Ans.



Cold weather



Hot weather



Cold weather



Rainy weather

Time To Act

1. Draw and colour the picture of a rainbow on a chart.

Ans. Do yourself.

2. Make a list of clothes you wear on a hot day, cold day and rainy day.

Ans. Hot day — Cotton clothes.
Cold day — Woollen clothes and rainy day-Rain coats.

Unit-4 The Human Body— Health and Hygiene

11

Senses

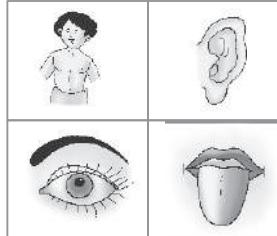
TIME TO ANSWER

A. Answer the following questions :

- Ans.** 1. To see, hear smell, taste and touch.
2. (i) Eyes, (ii) Ears, (iii) Nose, (iv) Tongue, (v) Skin
3. Tongue.

B. Fill in the blanks. Pictures will help you :

- Ans.** 1. We look around us with our **eyes**.
2. We feel cold with our **skin**.
3. We hear radio with our **ears**.
4. We taste an ice cream with our **tongue**.



Time To Act

Touch an animal and observe that it has also sense like us.

Ans. Do yourself.

Revision Test Paper-2

A. Answer the following questions :

- Ans.** 1. Flesh 2. Web 3. Colt 4. Seven 5. Yes

10

B. Write 'T' for true and 'F' for false statement :

- Ans.** 1. F 2. T 3. F 4. T 5. F

5

C. Colour the animal which give birth to young babies :

5

Ans. Do yourself.

D. Fill in the blanks with suitable words :

5

- Ans.** 1. Air has **no** colour.
2. **Rain** is the main source of water.
3. It **rain** in the rainy weather.
4. Condition of the air is called **weather**.
5. We use our **eyes** to find out the objects around us.

12

Our Basic Needs

TIME TO ANSWER

A. Answer the following questions :

- Ans. 1. Our basic needs are—(a) Fresh air, (b) Food, (c) Clothes, (d) House.
2. Food help us to grow and stay healthy.
3. We need fresh air to breathe.
4. A house protects us from heat, cold, rain, wild animals and enemies.

B. Fill in the blanks with the words given in the box :

- Ans. 1. Plants keep the air **fresh** and clean. 2. We need clothes to **cover** our body.
3. Our houses should be properly **ventilated**. 4. A baby **girl** grows into a woman.

Time To Act

Colour the thought :

Ans. Do yourself.

13

Good Habits

TIME TO ANSWER

A. Answer the following questions :

- Ans. 1. Yes, we throw rubbish into a dustbin.
2. Bathing is the best way to keep our body clean.
3. No, I do not spit in public places.

B. Tick (✓) the correct statements and cross (✗) the wrong ones :

- Ans. 1.✓ 2.✗ 3.✓ 4.✗ 5.✗ 6.✓

Time To Act

Look at the pictures and rearrange the letters to name the things which you use for personal cleanliness.

Ans.



BRUSH



SOAP



TOWEL



COMB

14

Keeping Fit

TIME TO ANSWER

A. Answer the following questions :

- Ans. 1. We use our muscles when we work, play or read. So our muscles get tired. We need rest.
2. No, Children need to sleep for eight to ten hours every night.

3. Playing is good for health.

B. Put a tick (✓) for correct and (✗) for wrong statement.

Ans. 1. ✓ 2. ✓ 3. ✗

Time To Act

Name the game for which you use the following :

Ans.



Football



Hockey



Racket



Cricket

Unit-5 Safety and First Aid

15

Safety Habits

TIME TO ANSWER

A. Answer the following questions :

Ans. 1. Our safety is very important so we must learn safety habits.
2. Wait for the bus in a queue while waiting for a bus.
3. We should play in a playground.
4. The treatment you get from your parents or teacher is called first-aid.

B. Write 'Yes' or 'No' in the box :

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

Time To Act

Ans. Do yourself.

Unit-6 House We Live In

16

Our House

TIME TO ANSWER

A. Answer the following questions :

Ans. 1. I sleep in the bedroom.
2. My mother cooks food in the kitchen.
3. Guests are welcome in the drawing-room.

B. Fill in the blanks with the correct words. Choose the words from the box.

1. We take bath in the **bath** room.
2. We eat our food in the **dining** room.
3. We take rest in the **bed** room.

Time To Act

Ans. Do yourself.

17

The Sun, the Moon and the Stars

TIME TO ANSWER

A. Answer the following questions :

- Ans.** 1. Sun is much bigger than the moon.
 2. We can see the moon at night.
 3. Moon and stars shine in the sky at night.
 4. If the Sun does not rise day and night not come.
 5. Dr. Kalpana Chawla became the first Indian woman to go into space.

B. Fill in the blanks with the correct words. Choose the words from the box:

- Ans.** 1. The sun is round like **ball**.
 2. After the sunset **night** begins.
 3. The moon is closer to the earth than the **Sun**.
 4. The sun is also a **Star**.
 5. A **astronaut** or spaceman wears a **space suit** to go into space.

C. Match the followings columns:

Ans.	Column-I	Column-II
1.	The shape of earth	(a) changes its shape
2.	The stars	(b) Round
3.	The moon	(c) the first man to land on the moon
4.	Neil Armstrong	(d) are very far from us

D. Put a tick (✓) for correct and (✗) for wrong statements:

- Ans.** 1. ✗ 2. ✓ 3. ✗ 4. ✗ 5. ✓ 6. ✓

E. Identify the following pictures :**Ans.**

Spaceman



Rocket



Earth

Time To Act

- Ans.** Do yourself.

Revision Test Paper-3

A. Answer the following questions :

10

- Ans.** 1. We need fresh air to breathe.
 2. Yes.
 3. Yes, playing is good for health.
 4. On the left side of the Road.
 5. Drawing room.

B. Write 'T' for true and 'F' for false statement :

5

- Ans.** 1. T 2. F 3. F 4. T 5. F

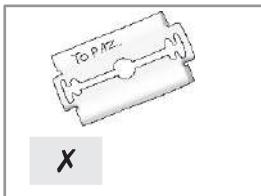
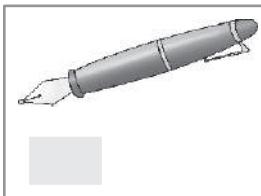
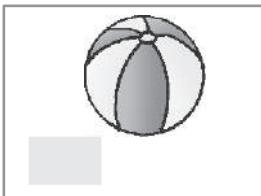
C. Cross (X) all the things which are dangerous :

4

Ans.



X



X

D. Match the following columns :

6

Ans.

Column I

1. The sun → (a)
2. The moon → (b)
3. The stars → (c)
4. The shape → (d)
5. A rocket → (e)
6. Days and night → (f)

Column II

- keeps changing its shape
of the earth is round
gives us heat and light
are hot and bright
are caused by the sun
travels very fast

Model Test Paper– Annual Examination

A. Answer the following questions :

10

Ans.

1. Cow
2. Green
3. To breathe
4. Bathroom
5. The treatment you get from your parents or teacher.

B. Tick (✓) the right word :

5

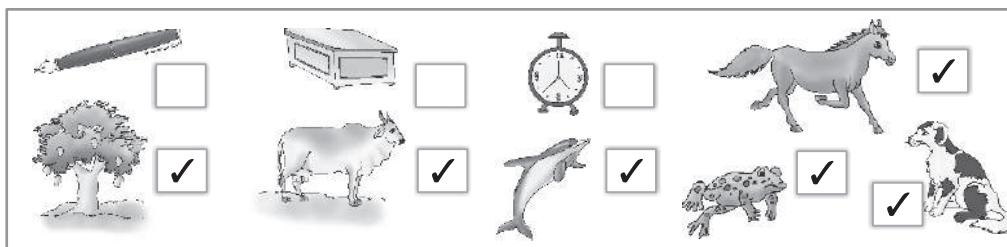
Ans.

1. We can not see air/water.
2. A fish can live in water/air.
3. A lion eats flesh of other animals/vegetables.
4. Moving air/water is called wind.
5. The baby of lion is called puppy/cub.

C. Tick (✓) the thing which need water and air :

5

Ans.



D. Fill in the blanks with the suitable words :

5

Ans.

1. Plants which grow along the ground are called **creepers**.
2. Roots **fix** the plant to the soil.
3. All insects have **six** legs.
4. Air is necessary for **burning**.
5. We hear with our **Ears**.

1

Plants Around Us

TIME TO ANSWER

A. Answer the following questions :

- Ans.** 1. The big and tall plants are called trees.
 2. Jasmine is a shrub.
 3. Herbs live for just one season.

B. Write two examples of each of the following :

- | | | |
|-----------------------|-------------|-------|
| Ans. 1. Shrubs | Tulsi | Rose |
| 2. Trees | Banyan | Mango |
| 3. Climbers | Money plant | Bean |

C. Write 'T' for true and 'F' for false statements :

- Ans.** 1. F 2. T 3. T 4. F 5. T

D. Use these words to fill in the blanks :

- Ans.** 1. Tulsi plant is a **shrub**.
 2. What plant is a **herb**.
 3. Grapevine plant is a **climber**.
 4. Cucumber plant is a **creeper**.

E. Fill in the boxes to get the names of the following :

Ans.



Mango



Date



Banyan

Time To Act

- Ans.** Do yourself.

2

Useful Plants

TIME TO ANSWER

A. Answer the following questions :

- Ans.** 1. We eat the root part of a carrot.
 2. Cotton and jute plants give us fibres.
 3. Tulsi, neem and eucalyptus plants give us medicine.
 4. Gum is made from the juice of acacia.

B. Complete the word :

- | | |
|---|---------|
| Ans. 1. We eat the fruits of this plant. | Grapes |
| 2. We eat leaves of this plant. | Spinach |

- | | | |
|----|-----------------------------------|--------|
| 3. | Plants give us this. | Oxygen |
| 4. | Waste parts of plants are used as | Manure |

C. Write the names of any six items made from wood :

- Ans.** 1. Chair 2. Table
 3. Door 4. Window
 5. Almirah 6. Pencil

D. Colour the plant which give us perfume.

Ans.



D. Cross (X) the odd one from each group:

- | | | | | | |
|-------------|----|--------------------|--------|--------|----------------------|
| Ans. | 1. | Rubber | Gum | Paper | Mango |
| | 2. | Coconut | Radish | Carrot | Beet-root |
| | 3. | Banana | Mango | Apple | Cabbage |
| | 4. | Chair | Table | Window | Sunflower |

E. Write two examples of each of the following :

- | | | | |
|-------------|---------------------|------------|---------------|
| Ans. | 1. Medicinal plants | Eucalyptus | Tulsi |
| | 2. Food-grains | Arhar | Rice |
| | 3. Vegetables | Spinach | Lady's finger |
| | 4. Juicy fruits | Orange | Grapes |

Time To Act

Ans. Do it yourself.

3

Domestic Animals

TIME TO ANSWER

A. Answer the following questions :

- Ans.**

 1. The animals which give us milk are called milch animals. For example—cow, buffalo etc.
 2. People who eat flesh are called non-vegetarian.
 3. Animals which we keep our homes or farms are called domestic animals.
 4. Wool Leather Honey.

B. Fill in the blanks with the right words:

- Ans.**

 1. We get milk from **buffalo**.
 2. We get leather from the skin of **crocodile**.
 3. Hen gives us **eggs**.
 4. The **dog** guards our house.

C. Write 'T' for true and 'F' for false statements :

- Ans** 1 T 2 F 3 T 4 F 5 T

D Write the names of two animals that :

- Ans.** 1. Give us milk : Cow Goat
2. Carry our loads : Horse Donkey

3. Give us flesh : Fish Chickens

E. Match the following columns :

Ans.

Column-A		Column-B
1. Ducks		(a) Silk
2. Camel		(b) Eggs
3. Sheep		(c) Wax, honey
4. Honeybee		(d) Beast of burden
5. Silkworm		(e) Wool

Time To Act

Ans. Do yourself.

4

Wild Animals

TIME TO ANSWER

A. Answer the following questions :

- Ans.** 1. (1) Lion, (2) Tiger (3) Bear
2. (1) Deer (2) Elephant
3. A tiger live in den.
4. (1) Peacock (2) Crow
5. Lion is the king of the forest.

B. Complete the word :

- Ans.** 1. Wild animals live in : Forest
2. A lion live in a : Den
3. This is a plant eating animal : Elephant
4. This is a flesh eating animal : Tiger
5. This animal lives in a hole : Rabbit

C. Cross (X) the odd one in each group :

- Ans.** 1. ~~Don~~ Cow Donkey Horse
2. Buffalo Cat Dog ~~Tiger~~
3. ~~Crocodile~~ Monkey Ox Camel
4. Sheep Duck Hen ~~Wolf~~

D. Give these animals, food of their choices :

- Ans.** 1. Bear (a) Frog
2. Giraffe (b) Deer
3. Tiger (c) Leaves
4. Vulture (d) honey
5. Snake (e) Dead animals

E. Write 'T' for true and 'F' for false statements in boxes :

- Ans.** 1. F 2. T 3. T 4. F

Time To Act

Visit a zoo with your parents to watch how different animals live and what they eat.

Ans. Do yourself.

Air Around Us

TIME TO ANSWER

A. Answer the following questions :

- Ans.**
- Water in the form of gas or steam is called water vapour.
 - The process of changing of water vapour back into water is called condensation.
 - We should grow green plants because it make the air fresh and clear.

B. Write 'T' for true and 'F' for false statements :

- Ans.** 1. F 2. F 3. T 4. T

C. Tick (✓) the correct choices :

- Ans.**
- (c) pure
 - (c) dirty
 - (b) water vapour
 - (c) sick

D. Fill in the blanks with the words given below :

- Ans.**
- The life is not possible without air.
 - We need air to breathe.
 - We should always use a hanky while sneezing.
 - Breathing dirty air is not good for our health.

E. Cross (X) the wrong activity :

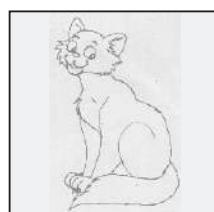
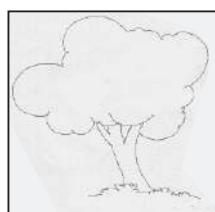
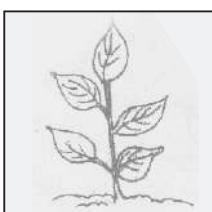
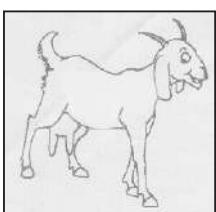
Ans.



Time To Act

Colour those pictures which need air to breathe.

Ans. Do yourself. Colour these pictures.



Revision Test Paper-1

A. Answer the following questions :

10

- Ans.**
- Tomato is a herb plant.
 - Tulsi, neem and eucalyptus plants give us medicine.

3. The animals which give us milk are called milch animals. For example—Cow, buffalo etc.
4. Tiger, hawks and lions eat flesh.
5. Water in the form of gas or steam is called water vapour.

B. Write two examples of each of the following :

8

Ans.	1. Juicy fruits	Orange	Grapes
	2. Climbers	Money plant	Bean
	3. Plant eating animals	Zebra	Giraffe
	4. Trees	Neem	Peepal

C. Cross (X) the odd one from each group :

8

Ans.	1. Apple	Mango	Grapes	Brijal
	2. Rose	Lion	Tiger	Bear
	Cow	Lion	Tiger	Vulture
	4. Cat	Parrot	Dog	Crocodile

D. Fill in the blanks with the correct words given below :

4

- Ans. 1. Plant give us oxygen.
2. The small and bushy plants are called shrub.
3. We get milk from cow.
4. Breathing dirty air is not good for our health.

6

The Moving Air

TIME TO ANSWER

A. Answer the following questions :

- Ans. 1. A little faster moving air is called wind.
2. Strong and fast winds are called storms.
3. Moving air can make a wind mill move. It can blow away bits of paper, clothes etc. It can also carry seeds to distant places.
4. A weather-cock is used for knowing the direction of wind.

B. Fill in the blanks with the correct words given below :

- Ans. 1. Very fast and violent winds are called hurricanes.
2. A little faster moving air is called wind.
3. Strong winds help in running a windmill.
4. Wind carries small seeds to far off places.
5. A beak of the weather-cock shows us which way the wind blows.

C. Write 'T' for true and 'F' for false statements :

- Ans. 1. T 2. T 3. T 4. F

D. Rearrange the following letters to make meaningful words :

- Ans. 1. MOTARS
2. WINDMILL
3. WIND

Time To Act

With the help of your teacher or parents, make things like a paper boat, a kite, a glider and display them in your class room.

- Ans. Do yourself.

Sources of Water

TIME TO ANSWER

A. Answer the following questions :

- Ans.** 1. Water free from germs.
 2. Animals need water for drinking and bathing.
 3. Tap water is safe for drinking because it does not contain any types of harmful germs.

B. Tick (✓) the correct option :

- Ans.** 1. (c) rain
 2. (a) growing
 3. (c) boiled water

C. What does following picture represents ?

- Ans.** 1. Pond

Time To Act

Colour the slogan.

- Ans.** Do yourself.

Forms of Water

TIME TO ANSWER

A. Answer the following questions :

- Ans.** 1. Solid 2. Liquid 3. Gas
 2. The process of changing of water into vapour is called evaporation.
 3. The process of conversion of solid form of water into liquid is called melting.
 4. When we heat water it changes into steam and water vapour.

B. Fill in the blanks with the correct words given below :

- Ans.** 1. The process of changing of water into vapour is called **vaporization**.
 2. **Steam** is the gaseous form of water.
 3. The water we drink is in the **liquid** form.
 4. Water vapours is the gaseous form of **water**.

C. Write 'T' for true and 'F' for false statements in the following boxes :

- Ans.** 1. F 2. T 3. T 4. F

Time To Act

Colour and label the water cycle :

- Ans.** Do yourself.

9

Rocks, Soil and Minerals

TIME TO ANSWER

A. Answer the following questions :

- Ans.** 1. Granite is the hardest rock.
 2. Marble is used for making building and statues.
 3. Soil is formed by breaking up of rocks into very small pieces.
 4. Petroleum give us petrol, kerosene, diesel, Vaseline and wax.

B. Fill in the blanks with the correct words given below :

- Ans.** 1. The outermost layer of earth is made up of **soils**.
 2. **Sandstone** is a soft rock.
 3. **Diamond** is the hardest rock.
 4. **Natural gas** is also a mineral.

C. Write 'T' for true and 'F' for false statements :

- Ans.** 1. F 2. T 3. F 4. T

D. Write an example of each of the following :

- Ans.** 1. A rock used for making jewellery and cutting glass
 2. A rock used to built Red Fort of Delhi
 3. A rock used for writing on blackboards
 4. A rock used for making pottery

Diamond
Sandstone
Chalk
China clay

Time To Act

Complete the following word box with the help of clues. All the five things are rocks.

- | | |
|--|---------------------|
| Ans. 1. I am a beautiful hard rock. | 1. Marble |
| 2. I am used in writing. | 2. Slate |
| 3. I am a hardest rock. | 3. Granite |
| 4. I am used in making the lead of pencil. | 4. Graphite |
| 5. I am used in making buildings. | 5. Sandstone |

10

Exercise and Posture

TIME TO ANSWER

A. Answer the following questions :

- Ans.** 1. We should exercise regularly because it makes our body strong and healthy.
 2. There are 206 bones are present in our body.
 3. The position in which we keep our body while we move about stand or sit is called posture.
 4. We should stand in following ways—
 (i) We stand with our back straight.
 (ii) We should keep our chest out and chin in.
 (iii) We should not bend forward.

B. Fill in the blanks with the correct words given below :

- Ans.** 1. Bones give **support** to our body
2. Muscles make our **heart** beat.
3. There are more than **600** muscles in our body.
4. Bones are the **hard** part of our body.

C. Write 'T' for true and 'F' for false statements :

- Ans.** 1. F 2. T 3. F 4. T

Time To Act

Look at these pictograms. Which game does each stand for?

Ans. 1.



Cricket

2.



Swimming

3.



Weight lifting

4.



Football

Revision Test Paper-2

A. Answer the following questions :

10

- Ans.** 1. Very fast and violent winds are called hurricanes.
2. Plants need water for growing. They suck it out of the soil through their roots. Animals need water for drinking and bathing.
3. When we heat water it changes into steam and water vapour.
4. Graphite is used for making the lead of our pencil.
5. The position in which we keep our body while we move about, stand or sit is called posture.

B. Write 'T' for true and 'F' for false statements :

8

- Ans.** 1. T 2. F 3. F 4. T

C. Rearrange the following letters to make meaningful words :

8

- Ans.** 1. BREEZE
2. CLOUD
3. DIAMOND
4. EARTH

D. Tick (✓) the correct option :

4

- Ans.** 1. (a) boiled water
2. (b) melting
3. (c) storms
4. (b) posture

TIME TO ANSWER**A. Answer the following questions :**

- Ans.** 1. We should eat food to live, to get energy to work and play. It also helps our body to grow.
 2. Protective foods such as— green vegetables, fruits etc. protect us from diseases.
 3. We should not eat uncovered food because it may contain germs, flies and dirt. Such food can make you sick.

B. Give three examples of each of the following :

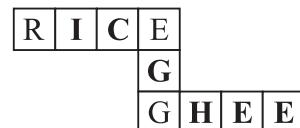
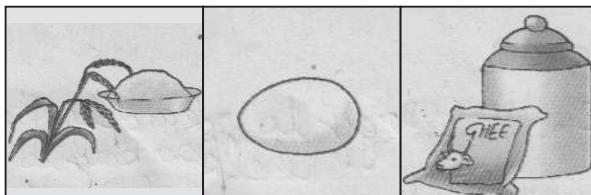
- Ans.** 1. Green vegetables Fruits Milk
 2. Rice Butter Potato
 3. Pulses Eggs Fish

C. Fill in the blanks with the correct words given below :

- Ans.** 1. Food gives us **energy** to work and play.
 2. We should drink **clean** water.
 3. We should drink **milk** daily.
 4. Body-building foods are rich in **proteins**.

D. Write 'T' for true and 'F' for false statements :

- Ans.** 1. F 2. T 3. T 4. F

Fun Time**E. Complete the following food ladder with the help of picture clues.****Ans.****Time To Act****Ans.** Do yourself.**Unit-6 Safety First****TIME TO ANSWER****A. Answer the following questions :**

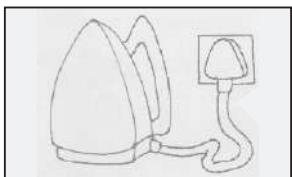
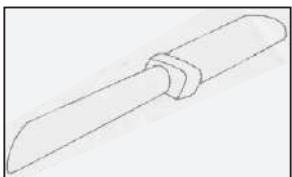
- Ans.** 1. We should cross the road only at Zebra crossing.
 2. We should side a bicycle on a cycle track.
 3. If the wound is bleeding we should tie a tight bandage. Call a doctor or take him her to a doctor immediately.
 4. The help given to an injured person before the arrival of the doctor called first-aid.

B. Write 'Yes' or 'No' in the box :

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

C. Colour all the things that are dangerous to play with.

Ans. Do yourself. Colour these pictures.



Time To Act

Find out the meanings of these traffic symbols.

Ans. 1. No Overtake

2. No Parking

3. Stop

4. Turn Left

5. No U Turn

6. Road Closed

Unit-7 Our Houses

13

Types of Houses

TIME TO ANSWER

A. Answer the following questions :

Ans. 1. Temporary houses are made of wood, mud, straw and leaves.
2. We need a house to live in and to protect ourselves from bad weather, thieves, wild animals etc.
3. An igloo is a house made of ice blocks.
4. 1. Cement 2. Bricks 3. wood

B. Write 'T' for true and 'F' for false statements :

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

C. Fill in the blanks with the correct words given below :

Ans. 1. Tents are made of **canvas** cloth.
2. **Caravan** is movable house.
3. Houses in the plain areas have flat roofs made of **concrete**.
4. Igloos have **semi-circular** roofs.

D. Match the pictures with their names :

Ans.



Caravan



Tent



Igloo



House-boat

Time To Act

Ans. Do yourself.

14

The Sun and Shadows

TIME TO ANSWER

A. Answer the following questions :

- Ans.** 1. The Sun looks small because it is far away from us.
 2. We get heat and light from the Sun.
 3. When an object comes in the way of light a shadow of that object is formed.
 4. The Sun is bigger in size.

B. Fill in the blanks with the correct words given below :

- Ans.** 1. The Sun rises in the morning in the **east**.
 2. When an object comes in the way of light, its **shadow** is formed.
 3. The Sun is a hot ball of burning **gases**.
 4. The Sun is **fixed** at one place.

C. Tick (✓) the correct words :

- Ans.** 1. The earth moves round the **sun**.
 2. Our shadow is **longer** in the morning.
 3. The sun sets in the evening in the **west**.
 4. Light travels in a **straight**.

D. Write 'T' for true and 'F' for false statements :

- Ans.** 1. F 2. T 3. T 4. F

Time To Act

- Ans.** Do yourself.

15

Man Landed on the Moon

TIME TO ANSWER

A. Answer the following questions :

- Ans.** 1. The moon is 3,84000 km. far from the earth.
 2. Neil Armstrong was the first man to land on the moon.
 3. we cannot live on the moon because there is no air and water on the moon.

B. Fill in the blanks with the following words :

- Ans.** 1. There is no **air** to breathe on the moon.
 2. Moon changes its **shape** every night.
 3. The moon is a **satellite** of the earth.

C. Tick (✓) the correct words in the brackets :

- Ans.** 1. The moon does not give out **light** itself.
 2. Moon changes its shape every **night**.
 3. You would need **rocket** to go on the moon.
 4. The distance of the moon from the **earth** is 3,84000 km.

Time To Act

Ans. Do yourself.

Revision Test Paper-3

A. Answer the following questions :

10

- Ans. 1. We should not eat in covered food because it may contain germs, flies and dirt. Such food can make you sick.
2. We should cross the road only at the zebra crossing.
3. Neil Armstrong was the first man to land on the moon.
4. The shadows are became shortest at noon.
5. We find sloping roof in the hilly areas.

B. Fill in the blanks with correct words given below :

4

- Ans. 1. Good food protects us from **diseases**.
2. **Igloos** are snow-covered houses.
3. **Proteins** help our body grow.
4. Cross the road at **zebra crossing**.

C. Match the following columns :

4

	Column I	Column II
1.	healthy	(a) mid-day
2.	noon	(b) caravans
3.	gypsies	(c) heat
4.	sun	(d) balance diet

D. Use the code box and decode the message :

2

Message :	13	9	12	11	9	19	1	3	15	13	16	12	5	20	5	6	15	15	4
	M	I	L	K	I	S	A	C	O	M	P	L	E	T	E	F	O	O	D

Model Test Paper- Annual Examination

A. Answer the following questions :

10

- Ans. 1. Herbs live just for one season.
2. Lion, Tiger, fox and Bear.
3. We make houses to live in and protect ourselves from bad weather, theives, wild animals etc.
4. Protective foods such as green vegetables, fruits etc. protect us from diseases.
5. We cannot live on the moon because there is no air and water on the moon.

B. Match the following columns :

5

1. gulmohar	(a) sheep
2. wool	(b) scavengers
3. dead animals	(c) igloo
4. snow-covered house	(d) graphite
5. lead pencil	(e) tree

C. Choose the correct word from the brackets to fill in the blanks :

4

- Ans. 1. Kachcha houses are made of **mud**.
2. We get the leather from the skin of **crocodile**.
3. We should always use a hanky while **sneezing**.
4. The sun rises in the morning in the **east**.

D. Write 'T' for true and 'F' for false statements :

6

- Ans. 1. T 2. F 3. T 4. F 5. T 6. F

Living and Non-Living

TIME TO ANSWER

A. Answer the following questions :

- Ans.** 1. The main feature of non living things is they do not move, eat, grow, feel and breathe.
 2. Animals move from one place to another in search of food and shelter.
 3. Green plants make their food with the help of air, water, , carbon-dioxide in the presence of sunlight
 4. plants reproduce with the help of seeds which gave birth to new plants.
 5. Living things take oxygen in and give carbon dioxide out.

B. Fill in the blanks with the words given in box :

- Ans.** 1. Living things need food to get **energy**.
 2. Plants breathes through tiny pores called **stomata** in their leaves.
 3. Animals and **plants** are living things.
 4. Plants are **fixed** to the ground but animals can move.
 5. All living things **grow**.

C. Write 'T' for true and 'F' for false statements:

- Ans.** 1. F 2. F 3. T 4. T 5. T

D. Match the animals with their movements:

Ans. **Column I** **Column II**

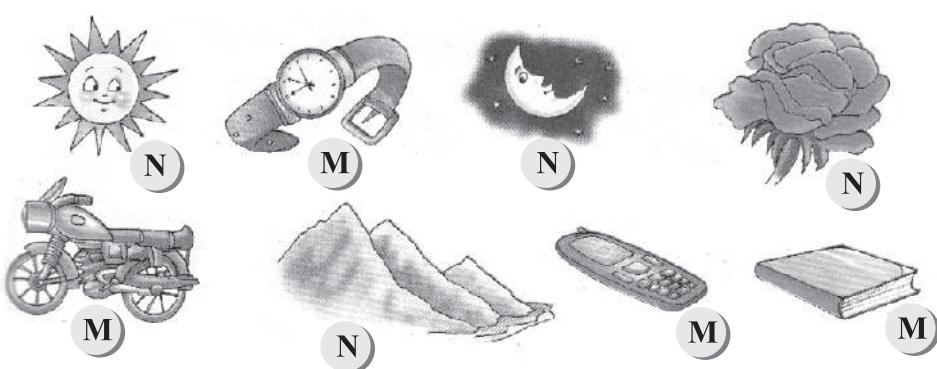
- | | | |
|----|--|------------|
| 1. | | (a) Swims |
| 2. | | (b) Flies |
| 3. | | (c) Runs |
| 4. | | (d) Crawls |

E. Say 'yes' or 'No' :

- | | |
|--|------------|
| Ans. 1. Do plants and trees move from one place to another? | No |
| 2. Do plant reproduce? | Yes |
| 3. Does a book and a pen have life? | No |
| 4. Do the sofa and television of your house breathe? | No |
| 5. Do animals can make their own food? | No |

F. Look at the pictures and write 'M' for man-made things and 'N' for natural things:

Ans.



Time to Act

Ans. Do yourself.

2

Parts of a Plant

TIME TO ANSWER

A. Answer the following questions :

- Ans. 1. The part of the plant which remains under the ground is called the root whereas the other part which is above the ground is called the shoot
2. Two uses of a root of a plant are - 1 Root fixes the plants in the soil 2 . Many roots store food in them
3. Green leaf of a plant is called the kitchen of a plant
4. Radish and carrot
5. A seeds contain baby plant inside them

B. Write 'T' for true and 'F' for false statements :

- Ans. 1.T 2.F 3.T 4.T 5.F 6.T

C. List i has the names of the parts of a plant and list II has their functions.

Match the part to its correct function by drawing lines.

Ans. List I - Parts of a plant

- | | |
|----------------|--|
| 1. Root | (a) make food for the Plant |
| 2. Stem | (b) grow into fruits |
| 3. Seed | (c) Fix the plants in the soil |
| 4. Chlorophyll | (d) carry water and minerals to the leaves |
| 5. Leaf | (e) protects seeds |
| 6. Fruit | (f) grows into a new plant. |
| 7. Flower | (g) make the leaf green |

List II - Function

Time To Act

Ans. Do yourself.

3

Animals : Food and Feeding Habits

TIME TO ANSWER

A. Answer the following questions :

- Ans. 1. Animals need food for growth, energy and health.
2. The animals which eat only grass or leaves of the plants are called plant eating animals . For example : Cows , buffaloes, horses etc
3. A frog swallow their food whole with the help of its sticky tongue
4. Rabbits, and squirrels.

B. Fill in the blanks with the suitable words given in the box:

- Ans. 1. An **earthworm** feeds on soil.
2. An elephant uses its **trunk** to eat and to drink water.

3. A lion is a **flesh**-eating animal.
4. A **bear** eats plants as well as animals.
5. A **butterfly** has a long sucking tube.
6. All animals depend on **plants** directly or indirectly.

C. Write 'T' for true and 'F' for false statements:

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

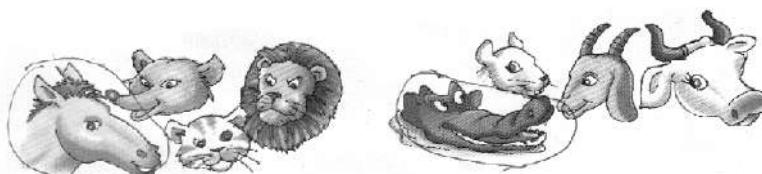
D. Match the animals with the food it eats:

Ans.

Animals	Food
Butterfly	swallows decaying organic matter
Lion	seeds
Earthworm	nectar from flowers
Rabbit	blood
Mosquito	flesh
Frog	both plants and flesh
Bear	insects

E. Encircle the animals which does not fit in the group:

Ans.

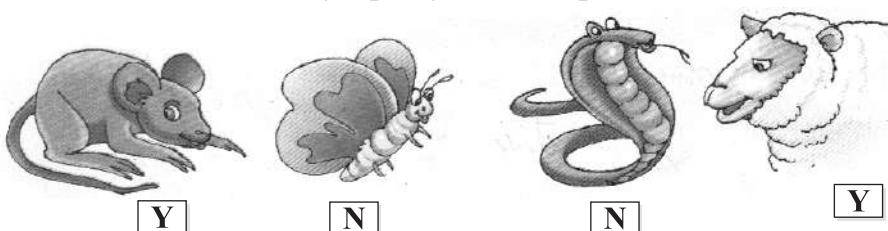


Meat-eaters

Plant-eaters

F. Do these have teeth? If yes put 'y' and if no put 'N' in the boxes:

Ans.



Y

N

N

Y

Time To Act

Ans. Do yourself.

4

Birds

TIME TO ANSWER

A. Answer the following questions :

1. Feathers are used by birds for the purpose of flying
2. Most of the flesh eating birds have strong, sharp and hooked beaks.
3. A bird use its tail during flight to change direction.

B. Fill in the blanks with the words given in the help box :

1. Birds like ducks and swans have **webbed** feet.
2. **Penguin** is a flightless bird.
3. Preying birds have strong and sharp **claws**.

4. **Down feathers** are soft and fluffy.
5. The **shape** of a bird's is like a boat.
6. The shape of a bird's **beak** shows us what it eats.

C. Write two examples of each of the following :

- Ans.**
- | | |
|------------|---------|
| 1. Kiwi | Penguin |
| 2. Sparrow | Pigeons |
| 3. Eagle | Vulture |
| 4. Cocks | Peacock |
| 5. Duck | Swan |

D. Write two examples of each of the following :

- Ans.**
- | | |
|----------------|-------------|
| 1. Crows | Mynahs |
| 2. Parrots | Woodpeckers |
| 3. Kingfishers | Herons |
| 4. Woodpecker | Swallow |
| 5. Ducks | Swans |
| 6. Parrot | Robins |

E. Match the birds with their food:

Ans.

Bird	Food
Kite	Insects
Parrot	Small plants and tiny water animals
Duck	Flesh
Sparrow	Fruit

F. Match the birds with their beaks :

Ans.

Bird	Beak
Owl	broad, short and sticky
Woodpecker	Strong, sharp and hooked
Swallow	Sharp, pointed
Kingfisher	Strong chisel shaped

Time to Act

Ans. Do yourself.

Revision Test Paper-1

A. Answer the following questions :

- Ans.**
1. Green plants make their food with the help of air, water , carbon-dioxide in the presence of sunlight.
 2. A seeds contain baby plant inside them
 3. Animals need food for growth, energy and health
 4. Feather are used by birds for the purpose of flying.

B. Fill in the blanks with the words given in the box :

- Ans.**
1. Animals and plants are **living** things.
 2. Plants breathe through tiny pores called **stomata** in their leaves.
 3. All animals depend on **plants** directly or indirectly.
 4. A lion is a **flesh** eating animal.
 5. The cuckoo (koel) is a very **lazy** bird.

C. Match the following columns :

Ans.

1. Snake	(a)	eat both plants and flesh
2. Chlorophyll	(b)	make food for the plants
3. Leaf	(c)	fix the plant in the soil
4. Bear	(d)	crawls
5. Roots	(e)	make the leaf green

D. Write yes or No in the box :

5

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

E. Draw a neat and clean picture showing parts of a leaf.

2

Ans. Do yourself.

5

Birds and their Nests

TIME TO ANSWER

A. Answer the following questions :

- Ans.** 1. The cuckoo (koel) does not make its own nest but it lay its eggs in the nest of the other bird
2. The tailor bird stitches large leaves together with thread, wool or a spider's web. It uses its beak like a needle to sew the leaves That is why it is called a tailor bird.
3. The parents feed them and keep them warm . They protect them from enemies like crows, cats , hawks , snakes and bad weather.
4. Seven materials used by birds to make nest are leaves, thread, grass , wood, twigs, stones and feathers .
5. Some enemies of birds are crows, cats , hawks, snakes and bad weather.

B. Write 'T' for true and 'F' for false statements :

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

C. Strike off (X) the wrong word :

- Ans.** 1. Birds build their nests in safe/unsafe places.
2. The pigeons make their nests in buildings/bushes.
3. The crow/cuckoo is a very lazy bird.
4. The nest of a weaver bird/tailor bird swings in air.
5. Inside the egg, a baby bird feeds on seed/yolk.

D. Match the nest with the bird:

Nest	Bird
Nest in building or tress	Tailor bird
Nest in the bank of river	Penguins
Nest made of leaves	Cuckoo
Nest in the ground	Sparrow
Does not make a nest	Woodpecker
Nest in the hollow of a tree	Kingfisher

E. Look for the names of eleven birds in the word box given below:

Ans.

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

Time to Act

Ans. Do yourself.

6

Internal Organs of the Body

TIME TO ANSWER

A. Answer the following questions :

- Ans. 1. A system is a group of organs doing a particular functions
2. There are about 600 muscles in human body
3. The sense organs of our body make us aware of the surroundings
4. The breathing system consists of the organs like nose, windpipe and lungs.
5. The heart pumps blood to all parts of ourbody.

B. Write 'T' for true and 'F' for false statements:

- Ans. 1. T 2. T 3. F 4. T 5. F 6. T

C. Fill in the blanks with suitable words :

- Ans. 1. There are more than 600 **muscles** in the human body.
2. Tissues are grouped together to make an **organs**.
3. The **kidneys** throw out urine.
4. The master organ of the body is **brain**.
5. The **heart** works all the time.
6. The **reproductive system** helps us to produce babies.

D. Match the following columns :

Ans.	Column I	Column II
1.	Brain	(a) give shape to body
2.	Intestine	(b) pumps blood
3.	Lungs	(c) receives message and give orders
4.	Kidney's	(d) throws out waste
5.	Heart	(e) digest food
6.	Bones	(f) makes the hormone, insulin
7.	Pancreas	(g) breathe in oxygen

E. Write the names of the system to which following organs belong :

- Ans. 1. Muscles : **The muscular system**
2. Wind pipe , lungs : **The breathing system**
3. Heart, blood, blood vessels : **The circulatory system**
4. Kidneys, lungs, skin : **The excretory system**
5. Stomach, anus, intestine : **The digestive system**

Time to Act

- Ans. 1. 72 times
2. Do yourself

Safety Rules

TIME TO ANSWER

A. Answer the following questions :

- Ans.**
1. Green light signals tells us to cross the road.
 2. We should always walk on the footpath on the road.
 3. The first help given to an injured person before the arrival of a doctor is called first aid.
 4. Accident happens due to our carelessness or when are in a hurry.

B. Tick (✓) the correct words in the brackets:

- Ans.**
- | | |
|--|---|
| 1. Accidents cause pain . | 2. An electric shock is very dangerous . |
| 3. We should always play a safe game. | 4. We should keep silent in the class. |
| 5. A good first-aid can save lives . | |

C. Write 'safe' or 'unsafe':

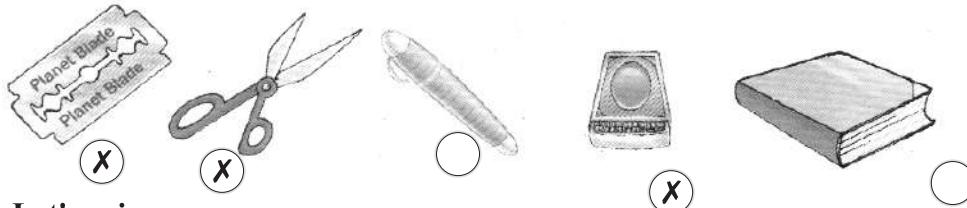
- Ans.**
- | | |
|--|---------------|
| 1. Raman always plays on the road. | Unsafe |
| 2. Roshni touches wires with wet hands. | Unsafe |
| 3. Rohan stands in a queue at the bus stop. | Safe |
| 4. Sanjeev always travel without a ticket. | Unsafe |
| 5. Laxmi Kant never throw duster in the class. | Safe |

D. What do the following traffic lights signal ?

- Ans.**
- | |
|---|
| 1. Red The red light says 'stop' |
| 2. Amber The amber light says 'wait' |
| 3. Green The green light says 'go' |

E. Cross (X) all the things which are dangerous:

Ans.



F. Let's enjoy

Ans. Zebra.

Time to Act

Ans. Do yourself.

Unit-5 Housing

Home is the Best

TIME TO ANSWER

A. Answer the following questions :

- Ans.**
1. A house protect us from rain, storm, heat, cold and wild animals.
 2. We used mud, leaves, bamboos and straw to build a kachacha house.
 3. We have an open space in our house to let in fresh air and sunlight

4. We can keep our house clean by washing and cleaning all the places, rooms etc keeping all the things in their proper places and throwing all the waste materials in the dustbin.

B. Fill in the blanks with suitable words given in the box:

- Ans. 1. A tent is made of canvas cloth. 2. Fresh air comes into the house through the doors and windows.
3. A caravan is a movable house. 4. There should be no stagnant water near the house.
5. We must keep our house neat and clean.

C. Strike off (X) the wrong word:

- Ans. 1. Bamboo/bark is used to build a hut. 2. Fresh air and sunlight are good/bad for health.
3. Dengue is spread by mosquitoes/butterflies. 4. A bungalow is a weak/strong house.

Time to Act

- Ans. 1. Do yourself. 2. Do yourself.

Unit-6 Water, Weather and Seasons

9

Water

TIME TO ANSWER

A. Answer the following questions :

- Ans. 1. The various uses of water are : drinking, bathing, growing crops , cleaning , washing clothes, putting off fire, swimming etc
2. Tap water is safe to drink because it is purified and treated with chlorine.
3. The three states of water are solid, liquid and gas.
4. When the water vapour present in the air condense to form water droplets, and these droplets cling together and flow, clouds are formed.

B. Write True or False :

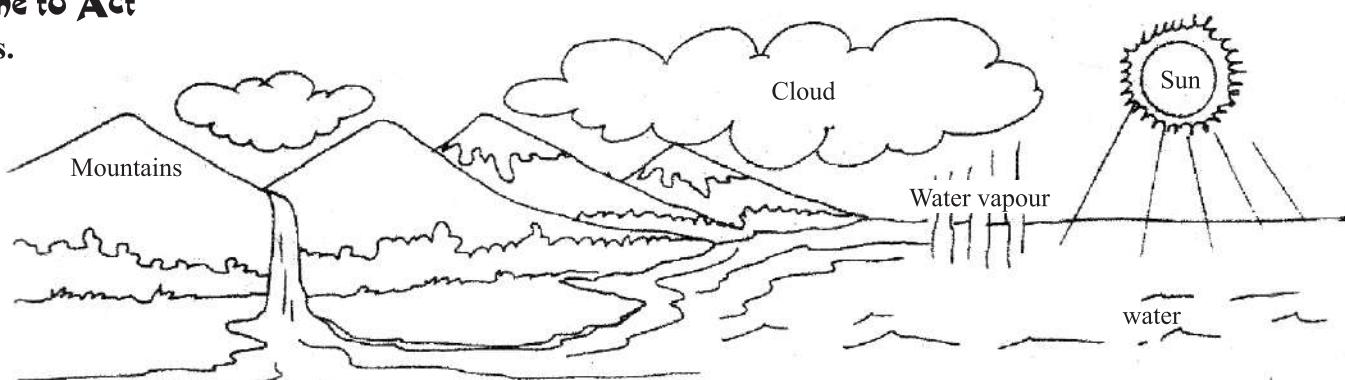
- | | | | |
|--|------|--------------------------------------|-------|
| Ans. 1. Plants need water for growing. | True | 2. Seas and oceans are water bodies. | True |
| 3. The word 'aquatic' means water. | True | 4. Pond water is safe to drink. | False |
| 5. Ice is the solid form of water. | True | | |

C. Tick (✓) the correct words given in the brackets:

- Ans. 1. Evaporation 2. Temperature 3. No shape 4. Colourless 5. 100 C

Time to Act

- Ans.



Revision Test Paper-2

A. Answer the following questions :

10

- Ans. 1. The tailor bird stitches large leaves together with thread, wood or a spiders web . It uses its beak like a needle to sew the leaves. That is why it is called a tailor bird .

2. The breathing system consists of the organs like nose windpipe and lungs.
3. Accidents happens due to our carelessness or when we are in a hurry.
4. We can keep our house clean by : washing and cleaning all the places room etc. keeping all the things in their proper places and throwing all the waste materials in the dust bin .
5. The three states of water are solid, liquid and gas.

B. Complete the words :

5

- Ans.** 1. The main source of water is **rain**. 2. Cross the road at the **zebra** crossing.
 3. Sea water is **salty** in taste. 4. The **cuckoo** does not make its own nest.
 5. Bones and **muscles** together help us to move.

C. Write 'T' for true and 'F' for false statements :

5

- Ans.** 1. T 2. F 3. T 4. T 5. F

D. Match the following columns:

5

Ans.	Column I	Column II
1.	Bones	(a) receive message and give orders.
2.	Brain	(b) helps us to smell
3.	Kingfisher	(c) give shape to body
4.	The nose	(d) make a nest in the bank of river
5.	Bath room	(e) for bathing.

10

Weather and Seasons

TIME TO ANSWER

A. Answer the following questions :

- Ans.** 1. Weather affects our daily lives and the way we live . weather causes a change in our habit of food , clothing and activities .
 2. There are mainly three seasons in India Summer , rainy and winter season.
 3. The cloudy nights are warmer than clear nights because the clouds do not allow the heat of the earth to escape into the atmosphere.

B. Strike off (X) the incorrect word:

- Ans.** 1. When air moves, it is called wind/storm.
 2. Cloudy days are cooler/warmer.
 3. Sunny days are warmer/cooler.
 4. The rainy season comes before/after the summer.
 5. The monsoon is a wind which blows from the lakes/seas.

C. Write 'T' for true and 'F' for false statements :

- Ans.** 1. T 2. T 3. F 4. T 5. F

D. Complete the word:

- Ans.** 1. Storm 2. Raincoat 3. Rainy

E. Read the sentences in the bubbles. Give them the things they need.

- Ans.**



It is very cold.

Tea



I was not expecting it.

Umbrella

It's very hot.

Cold drink



Time to Act

Ans. Do yourself.

11

Rocks, Minerals and Soil

TIME TO ANSWER

A. Answer the following questions :

- Ans. 1. The earth's surface made of different kinds of rocks.
2. Soil is formed by the breaking up of rocks
3. Humus are parts of dead plants and insects that float on the water.
4. Loam is the best soil for the growth of plants.
5. Three kinds of soil are : Sandy , clayey and loan.

B. Fill in the blanks with the words given in the box:

- Ans. 1. The earth's surface is made up of different kinds of **rocks**.
3. **Sandy** soil is not good for crops.
5. There would be no life on the **earth** without soil.
2. **Loam** is the best soil for plants.
4. Clayey soil is found in **ponds**.
6. Soil contains air and **water**.

C. Write 'T' for true and 'F' for false statements:

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

D. Put a tick (✓) against the correct alternative of the following:

- Ans. 1. a. the breaking up of rocks 2. b. the soil has water in it. 3. d. diamond

E. Look at the picture and explain the reason.

Ans.



- (A) Plant in only soil.
Why is the plant in (A) weak?



- (B) Plant in soil and manure.
Because it does not contain manure.

Time to Act

Ans. Do yourself.

12

Our Earth and its Neighbours

TIME TO ANSWER

A. Answer the following questions :

- Ans. 1. There are eight planets in the solar system.
2. The photographs taking by the astronauts from the space proved that the earth is round in shape.
3. The movement of the earth round the axis on its axis in its orbit is called revolution.
4. The moon takes 27.3 days to revolve around the earth and it takes exactly the same time to rotate on its axis , That is why we see the same side of the moon.
5. The earth is made up of land and water.

B. Name the following :

- Ans. 1. The planet we live on **Earth** 2. It gives us heat and light **Sun**
 3. A satellite of the earth **Moon** 4. A group of stars in a definite shape **Constellation**
 5. An imaginary line at the centre of the earth. **Equator**

C. Write two examples of each of following:

- | | | |
|---------------------------------------|---------------------|-------------------|
| Ans. 1. Planets in the solar system : | Earth | Jupiter |
| 2. Heavenly bodies : | Sun | Moon |
| 3. Shapes of the moon : | Gibbous | Gescent |
| 4. Constellation : | Leo | Scorpio |
| 5. Indian Astronomers : | Varahamihira | Aryabhatta |

D. Encircle the names of five planets in the puzzle:

Ans. VENUS MARS EARTH JUPITER URANUS

E. Read the information :

Ans. MOON HAS NO LIGHT

Time To Act

Ans. Do yourself.

13

Space Travel

TIME TO ANSWER

A. Answer the following questions :

- Ans. 1. The place beyond the atmosphere is called space
 2. The earth's gravitational force is 6 times more powerful than the gravitational force of moon. That is why it is not easy to get out of the earth's pull and escape into space.
 3. The first living creature to go into space was a female alog, Laika.
 4. Neil Armstrong, an American astronaut, was the first man to land on the moon.

B. Write 'T' for true and 'F' for false statements:

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

Time to Act

Ans. Do yourself.

Revision Test Paper-3

A. Answer the following questions:

10

- Ans. 1. The cloudy nights are warmer than clear nights because the clouds do not allow the heat of the earth to escape into the atmosphere.
 2. Soil is formed by the breaking up of rocks.
 3. Neil Armstrong an American astronaut , was the first man to land on the moon
 4. The photographs talking by the astronauts from the space proved that the earth is round in space.
 5. There are eight planets in the solar system.

B. Compete the word:

4

- | | |
|--|--|
| Ans. 1. The movement of the earth on its axis. Rotation | 2. A huge ball of hot gases. Sun |
| 3. A group of stars. Constellation | 4. The satellite of the earth. Moon |

C. (a) Name two things you like to eat in

4

- Ans. 1. Full in yourself.

- (b) Name two things yo like to wear on a** 6
Ans. 1. Hot day **T-shirt** **cotton shirt**
 2. Cold day **Sweater** **Cap**
 3. Rainy day **Raincoat** **Gumboot**

D. Write 'T' for true and 'F' for false statements: 4
Ans. 1. T 2. F 3. F 4. F

E. Tick (✓) the right answer: 2
Ans. 1. (c) summer 2. (a) Evaporation

Model Test Paper– Annual Examination

- | A. | Answer the following questions: | 10 | | | | | | | | | | | | |
|--------------------------|---|---|------------------|---------------|----------------------------|--------------------------|---|--------|------------|-----------|-----------------------|---------|------------------------------|--|
| Ans. | <ol style="list-style-type: none"> 1. A green leaf makes food for the plant. That is why it is called the kitchen of the plant. 2. The muscles help in moving our bones and as such in doing different kinds of work such as : pulling, pushing, throwing etc. 3. The first living creature to go into space was a female dog, Laika. 4. The first help given to an injured person before the arrival of a doctor is called a first aid. 5. Yolk is the middle portion of the egg . It is yellow in color. It provides food for the developing embryo. | | | | | | | | | | | | | |
| B. | Given the name of the following: | 5 | | | | | | | | | | | | |
| Ans. | <ol style="list-style-type: none"> 1. Flower which moves in the direction of sun. 2. Part of the plant that fixes the plant in the soil. 3. Birds that do not fly at all. 4. Star nearest to the earth. 5. The satellite of the earth. | <p style="text-align: center;">Sunflower</p> <p style="text-align: center;">Root</p> <p style="text-align: center;">Ostrich</p> <p style="text-align: center;">Sun</p> <p style="text-align: center;">Moon</p> | | | | | | | | | | | | |
| C. | State whether the following statements are true or false: | 5 | | | | | | | | | | | | |
| Ans. | 1. T 2. F 3. F 4. F 5. F | | | | | | | | | | | | | |
| D. | Match the following column. | 5 | | | | | | | | | | | | |
| Ans. | <table border="0"> <thead> <tr> <th style="text-align: center;">Column I</th> <th style="text-align: center;">Column II</th> </tr> </thead> <tbody> <tr> <td>1. Antiseptic</td> <td style="text-align: center;">(a) huge ball of hot gases</td> </tr> <tr> <td>2. Always cross the road</td> <td style="text-align: center;">(b) the most cultivated flower in the world</td> </tr> <tr> <td>3. Sun</td> <td style="text-align: center;">(c) dettol</td> </tr> <tr> <td>4. Leaves</td> <td style="text-align: center;">(d) at zebra crossing</td> </tr> <tr> <td>5. Rose</td> <td style="text-align: center;">(e) make food for the plant.</td> </tr> </tbody> </table> | Column I | Column II | 1. Antiseptic | (a) huge ball of hot gases | 2. Always cross the road | (b) the most cultivated flower in the world | 3. Sun | (c) dettol | 4. Leaves | (d) at zebra crossing | 5. Rose | (e) make food for the plant. | |
| Column I | Column II | | | | | | | | | | | | | |
| 1. Antiseptic | (a) huge ball of hot gases | | | | | | | | | | | | | |
| 2. Always cross the road | (b) the most cultivated flower in the world | | | | | | | | | | | | | |
| 3. Sun | (c) dettol | | | | | | | | | | | | | |
| 4. Leaves | (d) at zebra crossing | | | | | | | | | | | | | |
| 5. Rose | (e) make food for the plant. | | | | | | | | | | | | | |

1

How Plants Make and Store Food

TIME TO ANSWER

A. Answer the following questions :

B. Fill in the blanks with correct words.

- Ans.**

 1. The leaves are green in colour due to presence of **chlorophyll**.
 2. A leaf is attached to the stem by a **stalk**.
 3. The leaves have many tiny openings called **stomata**.
 4. **Mushroom** plant does not have chlorophyll.
 5. Plants give **oxygen** to animals and human beings.

C. Rearrange the letters in the brackets to make proper words and then complete the blanks:

- Ans.** 1. We eat roots of some plants like **carrot** and radish.
2. Plants store extra food in the form of **starch**.
3. Green stems can also make **food** for the plants.
4. Sunlight is essential for **photosynthesis**.
5. The gas we all need to survive is **oxygen**.

D. Match the following columns:

Ans.	Column-A	Column-B
1.	Rice	(a) Fruit
2.	Orange	(b) Seed
3.	Carrot	(c) Stem
4.	Spinach	(d) root
5.	Sugarcane	(e) leaf

Time to Act

- | | | | | | |
|-------------|-----------|------------------|----------|-------|-----------------|
| Ans. | Message : | P L A N T S | G I V E | U S | O X Y G E N |
| | | 16 21 1 14 20 19 | 7 9 22 5 | 21 19 | 15 24 25 7 5 14 |

Write the message : **Plants Give Us Oxygen**

2

Plants : Living and Surviving

TIME TO ANSWER

A. Answer the following questions :

- Ans.** 1. In desert plant lack of water, do not have leaves stem is profusely branched woody hard. In water plant find in water stem is reduced long hollow stem.
2. Plants growing in marshes have breathing roots because their roots do not get air in the soil so few roots having pores come out of the soil and facilitate the exchange of gases.

3. Some plants which live in poor condition are not able to make enough food for them. They obtain extra food by catching insects are called carnivorous plants.
4. Fungi are non-green plants. They have no roots and no real stems. They cannot make their own food.

B. Write two examples of each of the following:

- Ans.**
- | | |
|-------------------|---------------|
| 1. Cedar (deodar) | pine |
| 2. Cactus | Pear |
| 3. Water hyacinth | Duck weed |
| 4. Hydrilla | tape grass |
| 5. Venus fly trap | Pitcher plant |
| 6. Yeasts | Mushrooms |

C. Fill in the blanks with the words given in the box:

- Ans.**
1. **Cold** plant bears cones instead of flower.
 2. Teak is an **evergreen** plant.
 3. Plants in plains shed their leaves in winter to protect themselves against the **Cold**.
 4. The plants which grow in **Mashes** are called mangroves.
 5. Mushroom is an **edible** fungus.
 6. **Water hyacinth** is an aquatic plant.

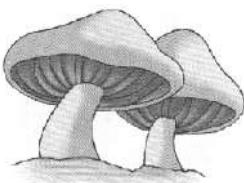
D. Write 'T' for true and 'F' for false statements:

- Ans.** 1.T 2.T 3.F 4.T 5.T 6.F

Time to Act

1. Draw the diagram of the following :

Ans.



1. Mushroom



2. Cactus



3. Hydrilla

2. Identify these plants and write their names in the boxes given under them.

Ans.



Mango



Maize

- Ans.** 3. Do yourself.

Unit-2 Animal Life

3

Reproduction in Animals

TIME TO ANSWER

A. Answer the following questions :

- Ans.**
1. Animals that give birth to babies are called mammals. Example— (i) cats, (2) cow, (3) Man
 2. Egg, Nymph and an adult cockroach
 3. The yellow part of an egg called yolk
 4. The nymph differs very little from their parents. They shed their skin several times. This is called moulting.

B. Write 'T' for true 'F' for false statements:

- Ans. 1. T 2. F 3. T 4. T 5. T 6. F 7. T

C. Match the following columns:

Ans. I. Column - I

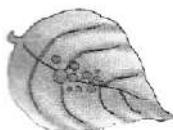
1. Frog	(a)	reptile
2. Horse	(b)	fish
3. Lizard	(c)	Insect
4. Shark	(d)	amphibian
5. Grasshopper	(e)	mammal

Column-II

II. Column - I	Column - II
1. Chick	(a) Lion
2. Tadpole	(b) Cat
3. Kitten	(c) butterfly
4. Cub	(d) frog
5. Caterpillar	(e) hen

D. Name these stages in the lives of animals:

Ans.



Eggs



Nymph



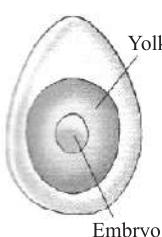
Tadpole



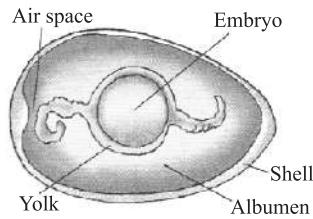
Embryo

Time To Act

Ans.



How an embryo grows into a baby bird.



Internal structure of an egg.

4

Adaptation in Animals

TIME TO ANSWER

A. Answer the following questions :

- Ans. 1. Animals adapt themselves to the surroundings to be able to live safely.
2. The skin of desert animals is thick and less hairy.
3. Animals such as frogs, snake are cold blooded animals. In cold weather these animals go for a long sleep this winter sleeps called hibernation.
4. In birds air sacs increase the amount of oxygen that the bird can breathe in.

B. Fill in the blanks with the words given in the box:

- Ans. 1. Terrestrial animals have well-developed nervous system and sense organs.
2. The desert animals cannot afford to lose water.
3. Fishes breathe by means of gills.
4. Mosquitoes and tapeworms are parasites.
5. Amphibians breathe by lungs on land and by moist skin in water.

C. Name these:

- Ans.** 1. A terrestrial animal that does not have legs
 2. An animal that have strong muscles and light bones
 3. An animal that can change colour
 4. An animal that spend most of the time on trees
 5. One animal that eats both plants and animals

Snakes
Aerial
Chameleon
arboreal
Omnivores

D. Match the following columns:

Ans. I. Column - I

- | | |
|---------------|-----------------|
| 1. Fish | (a) amphibian |
| 2. Polar bear | (b) arboreal |
| 3. Salamander | (c) aerial |
| 4. Chameleon | (d) terrestrial |
| 5. Bat | (e) aquatic |

Column-II

II. Column-I

- | | |
|-------------|---------------|
| 1. Leech | (a) herbivore |
| 2. Bear | (b) carnivore |
| 3. Hookworm | (c) omnivore |
| 4. Vulture | (d) parasite |

Column-II

Time To Act

Ans. Do yourself.

Unit-3 The Human Body

5

Food and Digestion

TIME TO ANSWER

A. Answer the following questions :

- Ans.** 1. Proteins are body - building foods. They helps to grow , to repair the damage parts in case of injury.
 2. Proteins, carbohydrates, Fats, Minerals, Vitamins does our food contain.
 3. Vitamins keep us fit, healthy and free from diseases. Therefore they are called protective foods.
 4. The diet which contain correct amount of all nutrients is called a balanced diet.
 5. Cooking makes food softy, tasty and easy to digest.
 6. The function of large intestine are absorb water from the undigested food and passes it to the kidneys.

B. Which main nutrient do these foods contain?.

- | | | | |
|-----------|---------------------|--------|-----------------|
| Pulses | Protein | Egg | Protein |
| Sugarcane | Carbohydrate | Butter | Fats |
| Potato | Carbohydrate | Milk | Minerals |

C. Write 'T' for and 'F' for false statements:

- Ans.** 1. T 2. T 3. T 4. F 5. F

D. Tick(✓) the correct answer:

- Ans.** 1. (c) Food 2. (a) Keeping it free from moisture 3. (c) none of these 4. (b) digestion

Time To Act

Ans. Do yourself.

Revision Test Paper 1

A. Answer the following question:

- Ans.** 1. Chlorophyll

8

2. Plants growing in marshes have breathing roots because their roots do not get air in the soil so few roots having pores come out of the soil and facilitate the exchange of gases.
 3. Albumen
 4. A polar bear have a thick hairy coat which keeps it warm.

B. Fill in the blanks with the suitable words:

5

- Ans. 1. Leaves have **Chlorophyll** which makes them look green.
 2. **Coconut** is an evergreen plant.
 3. The larva of a butterfly is called a **Caterpillar**.
 4. Animals that give birth to babies are called **Mammals**.
 5. An elephant eats lot of twigs, bark and leaves.

C. Match the following columns:

5

Ans. Column-I	Column-II
1. Caterpillar	a. frog
2. Nymph	b. cockroach
3. Tadpole	c. butterfly
4. Cub	d. lion
5. Kitten	e. Cat

D. Write 'T' for true and 'F' for false statements:

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

E. Cross (X) the animals which does not fit into the group:

2

Ans.



6

Teeth and Microbes

TIME TO ANSWER

A. Answer the following questions :

- Ans. 1. Three are 32 permanent teeth in an adult.
 2. (a) These are used to bite into and cut the food
 (b) These are used for tearing the food
 (c) Premolar act like nut cracker and Molar used to grind the food.
 3. Protozoans are single cells animals.

B. Names these:

- | | |
|---|-------------------|
| Ans. 1. The teeth that fall off and are replaced by new teeth | Milk teeth |
| 2. Grinding teeth | Molars |
| 3. The portion of a tooth above the gums | Crown |
| 4. Tiny and non-green plants | Fungi |
| 5. Diseases caused by bacteria | Typhoid |

C. Write the number of these teeth in an adult.

Ans.



8



4



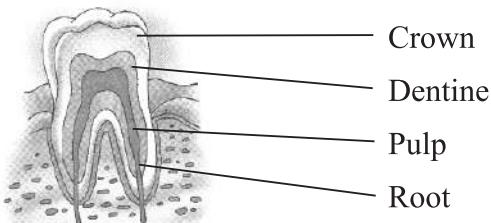
12

D. Fill in the blanks with the words given in the box:

- Ans.** 1. At the age of around **six**, the milk teeth start falling out.
2. **Fungi** are used in brewing and baking industry.
4. **Virus** cannot exist on its own.
3. The centre of the teeth is made of **pulp**.
5. Crown is the **visible** white part of our teeth.

E. Label the parts of the tooth.

Ans.



Time to Act

- Ans.** 1. This acid first dissolved the enamel. them affect the dentine and finally the pulp. When this happens, tooth begins to decay. It may also results in bad area.
2. Do yourself.

Unit-4 Safety and Clothes

7

Safety First

TIME TO ANSWER

A. Answer the following questions :

- Ans.** 1. We prevent accident if we obey some safety rules.
2. Synthetic cloths like nylon and terylene catchfire easily.
3. If the injured person has a bleeding wound, wash the wound with clean water. Tie a clean bandage around it to stop the bleeding.
4. Apply ice to reduce the pain . Apply ammonia or lime water to the affected parts.

B. Fill in the blanks with the words given in the box:

- Ans.** 1. Accidents can take place **anywhere** and at any time.
2. We must walk on the **road** along footh path.
3. We must play **fair** games.
4. We apply **ice** to reduce the pain of an insect bite.

C. Write 'T' for true and 'F' for false statements.

- Ans.** 1.F 2.T 3.F 4.T 5.F

D. Write the words given below under the correct picture:

Ans.



1. No parking



2. Taxi Rank



3. No over Taking



4. Weight Restriction



5. Straight Ahead only



6. No U-Turn

Time To Act

- Ans.** Do yourself.

The Right Clothes to Wear

TIME TO ANSWER

A. Answer the following questions :

- Ans.** 1. Clothes protects us from cold, heat, dust, rain and also from insects.
 2. The cocoon of the silkworm puts in boiling water to kill the worm inside it. The silk fibre is then unwound and we get a long, fine filament of silk.
 3. Synthetic Fibre dry very quickly and also do not get wrinkled
 4. To wash woollen clothes by using petrol and some other chemicals. This is known as dry cleaning.

B. Name these:

- Ans.** 1. Cotton, Woollen Fibers 2. Decron, Nylon 3. Petrol and Benzene
 4. Moths and silverfish 5. Dry cleaning

C. Write 'T' for true and 'F' for false statements:

- Ans.** 1. F 2. T 3. T 4. F 5. T

D. Match the following columns:

Ans.	Column-I	Column - II
1.	Rubber	(a) A man-made fibre
2.	Polyester	(b) Insect
3.	Dry neem leaves	(c) Keep insects away
4.	silkworm	(d) A plant

E. Write the names of any three man-made fibers:

- Ans.** 1. Decron 2. Nylon 3. Terylene

F. Which country is the largest producer of the wool To get your answer rearrange the letters give in the bubble.

- Ans.** The largest producer of the wool is Australia.

Time to Act

- Ans.** 1. Cotton Cloths absorbed more 2. Do yourself

Unit-5 Air, Water and Weather

The Changing Weather

TIME TO ANSWER

A. Answer the following questions :

- Ans.** 1. Because clouds block some of the sun's heat
 2. a. **Sea breeze** : The wind from the sea to the land during the day is called sea breeze.
 b. **Land breeze** : The wind blow from the land to the sea during the night, is called Land breeze.
 3. When water vapour reaches high up in the cold layer of air, it condense on dust particle. These condensed water particle gather together to form cloud.
 4. The amount of water vapour in the air is called humidity .

B. Write 'T' for true and 'F' for false statements:

- Ans.** 1. T 2. F 3. T 4. T 5. F

C. Name these:

- Ans.** 1. Water vapour cooling to water :

Condensation

2. It forms on plants in cold night : **Dew**
 3. Water heating to water vapour : **Evaporation**
 4. It heats up quickly than water, also it cools more quickly than water. **Land**
- D. Give the reasons for the following:**
- Ans.** 1. One half of the earth is always closer to the sun than the other because **the earth is tilted on its axis.**
 2. Sometimes, we see drops of water on the grass of our lawns because **due to cold the water vapour present in the air Condense to form water drops.**

Time To Act

Ans. Do yourself.

Revision Test Paper-2

- A. Answer the following questions:** 10
- Ans.** 1. Proteins are body building foods. They help us to grow, to repair the damage part in case of Injury.
 2. Surface of teeth
 3. We prevent accident if we obey some safety rules.
 4. The cocoon of the silkworm puts in boiling water to kill the worm inside it The silk fibre is then un wounded and we get a long, fine filament of silk.
- B. Fill in the blanks with suitable than words:** 5
- Ans.** 1. Small intestine is about **seven metres** in an, adult. 2. Cooking Kills **germs** in food.
 3. **Crown** is the visible white part of our teeth.
 4. Benzene is used to remove **grease and oil stains**.
 5. We apply **Ammonia** to reduce the pain of an insect bite.
- C. Write 'T' for true and 'F' for false statements:** 5
- Ans.** 1.T 2.F 3.T 4.F 5.T
- D. Match the following columns:** 5
- | Ans. Column-I | Column-II |
|-----------------------------|------------------|
| 1. Fat | a. grapes |
| 2. Vitamin | b. iodine |
| 3. Carbohydrate | c. egg |
| 4. Mineral | d. ghee |
| 5. Protein | e. potato |

10

Water

TIME TO ANSWER

- A. Answer the following questions :**
- Ans.** 1. Some rain water sinks into the earth . This form underground pools. We get underground water through wells hand pumps and tube wells.
 2. Polluted water contains things which are harmful to health.
 3. Dirt germs and chemicals from our houses and factories pollute the water of rivers.
- B. Fill in the blanks with words given in the box.**
- Ans.** 1. Water is found in three forms: solid **liquid** and **gas**.
 2. Two diseases caused by drinking polluted water are **cholera** and **typhoid**.
 3. The chemical added in water to kill germs is **Chlorine**.
 4. Passing water through layers of gravel and sand is called **filtration**.
 5. We should turn off **taps** when not in use.

C. Write 'T' for true and 'F' for false statements:

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

Time to Act

Ans. 1. Do yourself

2. Do yourself

Unit-6 The Universe

11

The Solar System

TIME TO ANSWER

A. Answer the following questions :

- Ans.**
1. The sun, the Eight planets that revolve around it and their moons form the solar system.
 2. A satellite is a solid heavenly body that revolves round a planet.
 3. The melted rocks (lava) cools and becomes a cone- shaped mountain called volcano
 4. Planets does not have its own light whereas stars have own light.
 2. All the stars are very big in size but planets smaller than stars.

B. Name these:

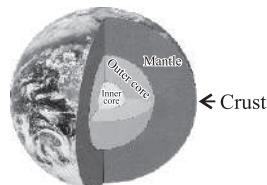
- Ans.**
1. The largest planet of the solar system : **Jupiter**
 2. Our galaxy : **Milky way**
 3. The smallest planet of the solar system : **Mercury**
 4. The first Indian satellite : **Aryabhatta**
 5. Planet that goes around the sun and every human being has touched it : **Earth**
 6. Mercury has none, but Jupiter has sixteen : **Satellite**
 7. Hot gases, lava and ash comes out of this : **Volcano**

C. Write 'T' for true and 'F' for false statements:

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

D. Draw a diagram of the earth showing the crust, the mantle and the core.

Ans.



The inside of the earth

Time to Act

Ans. 1. Do yourself.

2. Do yourself.

12

Seasons

TIME TO ANSWER

A. Answer the following questions :

- Ans.**
1. The movement of the earth around the sun is called revolution
 2. Day and night are caused by the earth's rotation
 3. The earth rotates from west to east

4. The day and night equal at the equator because at equator gets the same amount of sunlight all the year round.

B. Fill in the blanks with the words given in the box:

- Ans. 1. June 21 is the longest day in northern hemisphere.
2. We live in **northern hemisphere**.
3. Day and night are equal on **March 21** and September 23.
4. The axis of the earth is tilted by about $23\frac{1}{2}$ from the upright.

C. Write 'T' for true 'F' for false statements:

- Ans. 1. T 2. T 3. T 4. T

D. Give the reasons for the following:

- Ans. 1. Only half of the earth which receives light from the sun has days. The other half, away from the sun is dark it has night. Since the earth rotates on its axis, every part of it keeps moving in and out of the sunlight. Every part of earth has day and night over and over again.
2. The region near equator gets the same amount of sunlight all the year round it is summer throughout the year.

Time To Act

- Ans. 1. Do yourself. 2. Do yourself.

Unit-7 Matter and Molecules

13

States of Matter

TIME TO ANSWER

A. Answer the following questions :

- Ans. 1. All matters are made of tiny particles called molecules.
2. The molecules in a gas are more loosely packed than in liquid. Therefore the molecules of a gas have the greatest freedom of movement.
3. When a substance dissolves in a liquid a solution is formed.

B. Write 'T' for true and 'F' for false statements:

- Ans. 1. T 2. T 3. F 4. T 5. T 6. T 7. F

C. Name these:

- Ans. 1. Their molecules are totally free to move around.
2. Atoms combine in various ways to form these.
3. The solid that is dissolved in a solvent.
4. They can flow but have a definite volume.
5. Solid, liquid and gas are its three states.

Gas
Molecules
Solution
Liquid
Matter

D. Look at the spaces between the molecules. Write which state of matter do they belong to.

- Ans.



Solid



Liquid



Gas

E. Take a glass of water. Drop one or two tablets into it. Observe the changes in the colour uniform throughout. Stir it well. Is the colour uniform now?

- Ans. Do yourself.

Time To Act

- Ans. Do yourself.

14

Force, Work and Energy

TIME TO ANSWER

A. Answer the following questions :

- Ans.**
1. Energy is the ability to do work
 2. Forces are used to move object, stops moving objects , to make objects go faster or slower, to turn objects
 3. Our muscles get energy from the food.
 4. Ice being very smooth there is very little friction and we clip.
 5. Coal, natural gas and oil called fossils fuels because they are the remains of long dead animals and plants.

B. Fill in the blanks with the words given in the box:

- Ans.**
1. A **Force** is a push or pull.
 2. Work is done when a push or a pull moves an **object** through a **distance**.
 3. Carbon dioxide gas is released when we burn **plants**.
 4. Biomass energy is derived frm **coal** such as burning wood.
 5. **Water energy** is used to produce hydroelectricity.

C. Match the following columns:

- Ans.**
- | Column-I | Column-II |
|-----------------|---------------------|
| 1. Coal | a. Hydroelectricity |
| 2. Windmill | b. Earth |
| 3. Water | c. Fossil fuel |
| 4. Gravity | d. Wind |

D. Tick (✓) the renewable sources of energy.**Ans.**

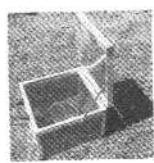




E. Which would require most energy? Tick (✓) that picture.**Ans.**

F. Look at these picture and write the form of energy:**Ans.**

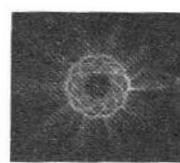
Wind energy



Sun energy



Bio mass energy



Nuclear energy

Time To Act

- Ans.**
1. Wind energy

2. Do your self

Revision Test Paper-3

- A. Answer the following questions:** 10
- Ans.** 1. Polluted water contains things which are harmful to health.
2. Earth consists of three layer—(a) Crust (b) Mantle (c) Core.
3. The melted rocks (lava) cools and becomes a cone-shaped mountain called volcano
4. Because in solids the molecules are very closely packed together.
5. Sun is the prime source of all energies.
- B. Fill in the blanks with suitable words:** 5
- Ans.** 1. Change of liquid water into water is called **Evaporation**.
2. Jupiter has **sixteen** moons.
3. Day and night are equal on **21** March and **23** September.
4. When a substance is dissolved in a liquid a **solution** is formed.
5. All matter is made of **Atom**.
- C. Write 'T' for true 'F' false statements:** 5
- Ans.** 1. T 2. T 3. T 4. T 5. T
- D. Define the following:** 3
- Ans.** (a) **Dew** : The condensed water vapour forms tiny shiny drops, called dew.
(b) **Mist** : When the water vapour condenses just above the ground it looks like a cloud called mist.
(c) **Fog** : When the mist gets thicker and thicker, it becomes a fog
- E. Write two uses of force:** 2
- Ans.** 1. Forces are used to move objects 2. Forces are used to stop moving objects.

Model Test Paper- Annual Examination

- A. Answer the following questions :** 10
- Ans.** 1. The function of a leaf prepares food for the whole plant.
2. The diet which contain correct amount of all nutrients is called a balanced diet.
3. The amount of water vapour in the air is called humidity.
4. The day and night equal at the equator because at equator gets the same amount of sunlight all the year round.
5. Our muscles get energy from the food.
- B. Fill in the blanks with suitable words :** 5
- Ans.** 1. Animals that give birth to babies and suckle them are called **Mammals**.
2. Crown is the **visible** white part of our teeth.
3. We must play **fair** games.
4. The **axis** of the earth is tilted by about $23\frac{1}{2}$ ° from the upright.
5. Biomass energy is derived from **coal** such as burning.
- C. Name these :** 5
- Ans.** 1. Grinding teeth : **Molar** 2. Our galaxy : **Milky way**
3. Hot gases, lava and ash come out of this : **Volcano**
4. They can flow but have a definite volume : **Liquid**
5. This is an underwater plant. **Hydrilla**
- D. Match the following columns :** 5
- Ans.**
- | Column-I | Column-II |
|-----------------|-----------------------|
| 1. Sugarcane | (a) Carbohydrates |
| 2. Potato | (b) Planet |
| 3. Polyester | (c) Jaggery (gur) |
| 4. Windmill | (d) Wind |
| 5. Jupiter | (e) A man-made fibres |