

New Mehran

# MAYARI SCIENCE

Class One

(THECHAR GUIDE)

Unit-1

## HUMAN BODY

### EXERCISE

(A) **WRITE SHORT ANSWERS OF THE FOLLOWING QUESTIONS:**

Q.1: How do we hear other's talking?

Ans: We hear other's talking with the help of ear.

Q.2: For what Allah has given us eyes?

Ans: Allah has given us eyes to see.

Q.3: How do we walk?

Ans: We walk with feet.

Q.4: Why has Allah given us blessings?

Ans: Allah has given us blessings for our facility.

(B) **TICK THE CORRECT OPTION.**

1. We see things:

i. With ears      ii. with hands      ✓ iii. with eyes.

2. Allah has given us feet:

i. To see      ✓ ii. to walk      iii. to hear

(C) **FILL IN THE BLANKS WITH RIGHT WORD OR PHRASE.**

1. Our body is also one of the **blessing** of Allah.

2. If **eyes** Were not, we could not see anything.

3. We have **two** Hands.

4. We walk with **feet** from one place to other place.

(D) **TICK ( ✓ ) THE TRUE AND ( X ) THE FALSE STATEMENT.**

1. Our body has different parts. (✓)

2. If eyes were not, we could even watch. (x)

3. We can hear other's talking with the help of ears. (✓)

## Unit-2

**LIVING AND NON LIVING THINGS****EXERCISE****(A) WRITE SHORT ANSWERS OF THE FOLLOWING QUESTIONS:**

Q.1: Which things can move at will?

Ans: Living things can move at will.

Q.2: Which things remain same in structure?

Ans: Non-living things remain same in structure.

Q.3: Which things can create other things like themselves?

Ans: Living things can create other things like themselves.

Q.4: Who make non living things?

Ans: Human beings created non living things.

Q.5: Who has created all living things?

Ans: Allah has created all living things.

**(B) TICK THE CORRECT OPTION.**

1. Things which can move at will:

✓i. Living things ii. Non living things iii. both

2. Non living things:

i. can grow ii. can breathe ✓iii. can not move

3. The reason of the movement of football:

i. It is living thing

✓ii. Force is applied

iii. It is a machine

**(C) FILL IN THE BLANKS WITH RIGHT WORD OR PHRASE.**1. Living things can move at will.2. Living things grow in height.3. Non living things remain in same structure in4. Non living things can not grow.5. All machines are non-livings because they can not make movement at will.**(D) TICK (✓) THE TRUE AND (X) THE FALSE STATEMENT.**

- All living things and non living things can move at will. (x)
- Plants are living things because they grow in height. (✓)
- Football is also living thing because it moves. (x)
- Living things can breathe, but non living things can not breathe. (✓)

**(E) MATCH COLUMNS:**

COLUMNS A	COLUMNS B
Living things	they grow in height
Non living things	can breathe
To make football move	can not move at will
Plants are living things because	force is applied

Some living and non living things have been given below.

Tick (✓) on living and (x) on nonliving things:

And:

- Cap is non living thing.
- cat is living thing.
- chair non-living thing.
- Dog is living thing.

Unit-3

## MOVEMENT AND FORCE

### EXERCISE

#### (A) WRITE SHORT ANSWERS OF THE FOLLOWING QUESTIONS:

Q.1: Which things can make movement at will?

Ans: Living things can move at will.

Q.2: Which animals swim in the water?

Ans: Fish swims in the water.

Q.3: What happens over non living things when they are pushed and dragged?

Ans: when living thing are pushed and dragged, the move.

Q.4: Which machines help us to move things?

Ans: Car, Buses and Motor Cycles help us to move things.

Q.5: What is the function of motorcycle engine?

Ans: Motor Cycle engine moves the motor Cycle.

#### (B) TICK THE CORRECT OPTION.

- Which runs at will?  
i. Tree      ✓ ii. child      iii. motorcycle
- Which makes slow movement?  
i. Snake      ii. lion      ✓ iii. tortoise
- Which things move by the energy of petrol?  
i. Tables and chairs  
ii. cars and buses  
✓ iii. cycles and motorcycles

#### (C) FILL IN THE BLANKS WITH RIGHT WORD OR PHRASE.

- Living things make Move at will.
- You can Move at will.
- Tortoise Moves slowly.

- Fish Swims in water.
- Some Machines Make movement by human force.

#### (D) TICK (✓) THE TRUE AND (X) THE FALSE STATEMENT.

- Children can run at will. (✓)
- Children can not jump at will. (x)
- Snake creeps on land. (✓)
- Non living things can not move if force is applied. (x)
- Motorcycle moves by the engine force. (✓)

#### (E) MATCH COLUMNS

COLUMNS A	COLUMNS B
Lion	is slow
Tortoise	in water
Birds fly	in air
Fish swims	Runs fast

Activity: Write the names of these things under their pictures.

- Ans: (1) Tortoise      (2) Car  
(3) Snake      (4) Motorcycle

## Unit-4

## OUR HABITATS

## EXERCISE

## (A) WRITE SHORT ANSWERS OF THE FOLLOWING QUESTIONS:

Q.1: What is meant by environment?

Ans: Where we live that place is called our environment.

Q.2: From what does our home protect us?

Ans: Our home protect us from cold, heat and rain.

Q.3: Which animals live in water?

Ans: Many living things live in water such as crocodile, various kinds of snakes and tortoise etc.

Q.4: Where does a parrot live?

Ans: Parrot lives in a cage.

Q.5: Where do snakes and ants live?

Ans: Snake and ants live in burrows.

## (B) TICK THE CORRECT OPTION.

- Where we live is called:  
☒ i. Our environment    ☐ ii. our need    ☐ iii. our land
- Dangerous animals live:  
☐ i. in homes    ☐ ii. in streets    ☒ iii. in the forest
- Which bird can not be seen in green leaves of trees?  
☐ i. Pigeon    ☒ ii. parrot    ☐ iii. crow

## (C) FILL IN THE BLANKS WITH RIGHT WORD OR PHRASE.

- These homes **protect** us from cold, heat, and rain.
- Dangerous animals live in **the forest**.
- Environment of living things protects them from **dangers**.
- Fish swim in **water**.
- There are some animals which live in **burrow**.

## (D) TICK (✓) THE TRUE AND (X) THE FALSE TATEMENT.

- Everywhere is our environment. (x)
- Environment of animals is according to their living conditions. (✓)
- Parrot can easily be seen in green leaves. (x)
- Fish remain alive only in water. (✓)
- Birds live in nests. (✓)

## (E) MATCH COLUMNS

COLUMNS A	COLUMNS B
Fish	burrow
Lion, Cheetah, Bear	water
Birds	forest
Ants, Snakes, Tortoise	nest

## ANIMALS

### EXERCISE

#### (A) WRITE SHORT ANSWERS OF THE FOLLOWING QUESTIONS:

Q.1: Which animals are caged in a zoo?

Ans: Danger animals are caged in the Zoo.

Q.2: What animals do we domesticate?

Ans: Cow, goat, cat and horse.

Q.3: Which is called beast?

Ans: Animals which eat flesh of other animals are called beast.

Q.4: Which animals' milk is drunk and meat is eaten?

Ans: Cow and goat milk is drunk and meat is eaten.

Q.5: How do animals live in the forest?

Ans: Animals live in the forest freely.

#### (B) FILL IN THE BLANKS WITH CORRECT WORD.

- Mostly animals are big and Small .
- Those animals which eat flesh of other animals are called Beasts .
- Milk of cow is drunk and its Meat is eaten.
- Goat is also a Domestic animal.
- Some people tame Cats as field of their interest.

#### (C) TICK THE CORRECT OPTION.

- How are animals kept in a zoo?  
i. Tethered      ✓ii. in cage      iii. free
- We get \_\_\_\_\_ from buffalo.  
i. milk      ii. meat      ✓iii. milk and meat
- Some people tame \_\_\_\_\_ as field of their interest.  
i. Nightingale      ii. lion      ✓iii. cats

#### (D) TICK (✓) THE TRUE AND ( X ) THE FALSE statement.

- Animals wander in the zoo. (x)
- Dangerous animals are called beast. (✓)
- Domestic animals are dangerous. (x)
- Horse watches over our house. (x)
- Some people tame cats as field of their interest. (✓)

#### (E) MATCH COLUMNS

COLUMNS A	COLUMNS B
We get milk and meat	dog
Animal of ride	cat
Faithful animal	goat and cow
Tamed as field of their interest	horse



## PLANTS

### EXERCISE

#### (A) WRITE SHORT ANSWERS OF THE FOLLOWING QUESTIONS:

Q.1: From what things plants grow?

Ans: Plants grow from seeds.

Q.2: Do plants grow in water too?

Ans: Yes, plants grow in water too.

Q.3: Are plants living or non living?

Ans: Plants are living things.

Q.4: How plants are useful to human beings and animals?

Ans: Human beings and animals get food from different plants

Q.5: Which tree's fruits do we eat?

Ans: We eat fruit of many trees such as mango, guava, apple, orange, apricot, peach, pomegranate, etc.

#### (B) TICK THE CORRECT OPTION.

1. The initial part of plant is:

✓i. Seed      ii. trunk      iii. branch

2. Kinds of plants in the world are:

i. one thousand      ii. Two thousands      ✓iii. countless

3. Big trees provide us:

✓i. Shade      ii. water      iii. Sand

#### (C) FILL IN THE BLANKS WITH RIGHT WORD OR PHRASE.

1. Plants grow from Seeds .

2. Some plants produce only Flower .

3. There are some plants which we can plant in Vases at our Homes.

4. Human beings and animals get Food from

different plants.

5. Wood of tree is very useful to us.

#### (D) TICK (✓) THE TRUE AND (X) THE FALSE STATEMENT.

1. There are not countless kinds of plants. (x)

2. The smallest trees are found in the forest. (✓)

3. Leaves grow on the branches of trees . (✓)

4. We do not eat fruits of any tree. (x)

5. We get to know the plants with the help of flowers. (✓)

#### (E) MATCH COLUMNS

COLUMNS A	COLUMNS B
Kinds of flowers are	tall and thick trees
Plants grow	in vase
We can grow plants at homes	from seed
Found in the forest	Countless



## OUR FOOD

### EXERCISE

#### (A) WRITE SHORT ANSWERS OF THE FOLLOWING QUESTIONS:

Q.1: Why do living things need energy?

Ans: Living things need energy to live.

Q.2: How do we get energy?

Ans: We get energy from food.

Q.3: Of what animals' meat we consume?

Ans: Chicken, fish, goat, lamb, cow and camel.

Q.4: Why is milk necessary for children?

Ans: Milk makes the bones and teeth strong so it is necessary for children.

Q.5: What is made from milk?

Ans: Yogurt, Butter, Ghee, Cheese and different Kinds of sweets are made from milk.

#### (B) TICK THE CORRECT OPTION.

- To remain alive, living things need.  
i. Money ii. Much water ✓iii. Energy
- What are necessary need for human health?  
✓i. fruits and vegetables  
ii. chicken and meat  
iii. water
- Milk has calcium which is need:  
i. for muscles ii. for stomach ✓iii. for teeth

#### (C) FILL IN THE BLANKS WITH RIGHT WORD OR PHRASE.

- Energy is got from Fruits and vegetables.
- Fruits and vegetables are very necessary for human Health.
- We consume Milk of different animals as our food.

- Milk is one of the Part of our food.
- Children must drink Milk.

#### (D) TICK (✓) THE TRUE AND (X) THE FALSE STATEMENT.

- Human being grows fruits and vegetables for food. (✓)
- Meat does not provide energy. (x)
- Children must drink milk. (✓)
- Eggs are the best means for getting energy. (✓)
- Everything is included in human food. (✓)

#### (E) MATCH COLUMNS

COLUMNS A		COLUMNS B
Eggs		Goat
Meat		Fruit and vegetables
Milk		Chicken
Useful for healt		Buffalo



## Unit-8

**SOLID, LIQUID, GAS****EXERCISE****(A) WRITE SHORT ANSWERS OF THE FOLLOWING QUESTIONS:**

Q.1: How many kinds does the matter have?

Ans: Matter has three states of matter.

Q.2: Which is the first form of matter?

Ans: Solid is the first form of matter.

Q.3: Which form of matter has not any particular shape?

Ans: Liquid form of matter has not any particular shape.

Q.4: In which form matter can not be seen normally?

Ans: Gas can not be seen normally.

Q.5: In which form of matter air is included?

Ans: Air is included in the form of gas.

**(B) TICK THE CORRECT OPTION.**

1. Forms of matter are:

i. two      ✓ ii. Three      iii. five

2. Things which flow away is called:

i. solid      ✓ ii. Liquid      iii. gas

3. Which thing is found in all three states of matter?

✓ i. Water      ii. tree      iii. sand

**(C) FILL IN THE BLANKS WITH RIGHT WORD OR PHRASE.**

1. Things around us are made from Matter .

2. Solid things have Particular shapes.

3. Liquid things do not have their own Shape .

4. We normally can not see Air .

5. Solid things can be touched and Felt easily.

**(D) TICK (✓) THE TRUE AND (X) THE FALSE STATEMENT.**

1. Matter has five forms. (x)

2. We can touch solid things easily. (✓)

3. Liquid has a particular shape. (x)

4. All fluids are liquid. (✓)

5. We can see gas in the shape of steam. (✓)

**(E) MATCH COLUMNS**

COLUMNS A	COLUMNS B
Hard things	liquid
Things which flow away	gas
Air	three forms, solid, liquid, and gas
Water	solid



## Unit-9

**LIGHT****EXERCISE****(A) WRITE SHORT ANSWERS OF THE FOLLOWING QUESTIONS:**

Q.1: From which sources we get the greatest light?

Ans: We get the greatest light from sun, bulb, tube light, saver etc.

Q.2: How long does the light of sun is effective?

Ans: The light of the sun is effective for particular period of time.

Q.3: What are the artificial sources of light?

Ans: Candle, Tube Light, Bulb, Saver and Torch-are artificial sources of light.

Q.4: Which things produce light with the help of electricity?

Ans: Tube light, Bulb and saver produce light with the help of electricity.

**(B) TICK THE CORRECT OPTION.**

- To see things what is needed:  
i. glass      ✓ii. light      iii. temperature
- The biggest source of light is:  
✓i. Sun      ii. moon      iii. tube-light

**(C) FILL IN THE BLANKS WITH RIGHT WORD OR PHRASE.**

- We get light through different sources.
- The Sun is the biggest Source of light.
- We see things by moon in the night.
- kerosene is used in lamp.

**(D) TICK (✓) THE TRUE AND (X) THE FALSE STATEMENT.**

- Things can be seen easily at the night. (x)
- The Sun is the biggest source of light. (✓)
- Light can pass through all sorts of solid things. (x)

## Unit-10

**WEATHER****EXERCISE****(A) WRITE SHORT ANSWERS OF THE FOLLOWING QUESTIONS:**

Q.1: What is called weather?

Ans: In particular area, the of Summer, Winter, Spring, and autumn is called weather.

Q.2: How many seasons are there in Pakistan?

Ans: These four seasons are seem in our country.

Q.3: In what months autumn season sets in?

Ans: Autumn season sets in August.

**(B) TICK THE CORRECT OPTION.**

- There are ..... Seasons in our country.  
i. two      ii. Three      ✓iii. four
- From November to February it is:  
✓i. Winter      ii. Summer      iii. Spring

**(C) FILL IN THE BLANKS WITH RIGHT WORD OR PHRASE.**

- It is spring Season in March and April.
- People wear woolen cotton clothes in winter season.
- Much water is consumed in summer season.

**(D) TICK (✓) THE TRUE AND (X) THE FALSE STATEMENT.**

- Much water is consumed in winter season. (x)
- In autumn season leaves wither away from trees. (✓)
- Flowers blossom everywhere in spring season. (✓)