



Based on NEP

# World Around Us

Teacher's Manual

Class I to V

Aanand Prakash Tankan  
MA (English), B.Ed., M. Phill

*KANHA BOOKS INTERNATIONAL*  
*New Delhi*

# INDEX

S. No.	Book Name	Page No.
1.	World Around Us - 1	3
2.	World Around Us - 2	13
3.	World Around Us - 3	23
4.	World Around Us - 4	35
5.	World Around Us - 5	51

## World Around Us - 1

### Chapter - 1 : Know About Me

- 1. Tick (3) the correct answer :**  
(a) walk (b) ears (c) eyes  
(d) nose (e) all of these
- 2. Fill in the blanks :**  
(a) teeth (b) school (c) Ist  
(d) ball
- 3. Write true or false :**  
(a) False (b) True (c) False  
(d) True
- 4. Which part of your body will you use?**  
(a) hands (b) mouth (c) nose  
(d) feet (e) ears
- 5. Answer the following questions :**  
(a) walk, run  
(b) write, build
- 6. Write the number of these body parts :**

Eyes	two	Ears	two
Nose	one	Finger	sixteen
Lips	two	Tongue	one
Toes	two	Ankle	two
Knee	two	Head	one

### Chapter - 2 : Plants World

- 1. Tick (3) the correct answer :**  
(a) shrub (b) creeper (c) all of these  
(d) trees (e) big tree
- 2. Fill in the blanks :**  
(a) different (b) tree (c) sugar  
(d) cactus plant
- 3. Write true or false :**  
(a) false (b) true (c) true  
(d) true
- 4. Match the following correctly :**  
(a) sugar (b) perfume (c) fruits  
(d) chocolate (e) cough syrup

**5. Answer the following questions :**

- |                 |         |
|-----------------|---------|
| (a) Neem        | Banyan  |
| (b) Basil plant | Tea     |
| (c) Pea         | Grapes  |
| (d) Watermelon  | Pumpkin |
| (e) Bud         | Roots   |

**Chapter - 3 : Animals World**

**1. Tick (3) the correct answer :**

- |                  |                   |                |
|------------------|-------------------|----------------|
| (a) all of these | (b) none of these | (c) herbivores |
|------------------|-------------------|----------------|

**2. Fill in the blanks :**

- |                |          |           |
|----------------|----------|-----------|
| (a) domestic   | (b) food | (c) birds |
| (d) Herbivores |          |           |

**3. Write true or false :**

- |           |           |          |
|-----------|-----------|----------|
| (a) True  | (b) False | (c) True |
| (d) False | (e) False |          |

**4. Match the following correctly :**

- |                        |                        |
|------------------------|------------------------|
| (a) lives in open area | (b) eats other animals |
| (c) is a wild animal   | (d) is seen around us  |

**5. Name any :**

- |           |       |
|-----------|-------|
| (a) cow   | horse |
| (b) sheep | horse |
| (c) lion  | tiger |
| (d) cow   | goat  |

**6. Answer the following questions :**

- (a) Parrot, fish, cat  
(b) Goat, horse, cow  
(c) Lion, tiger, bear, fox  
(d) Cow, horse, sheep  
(e) Fish, crocodile, tortoise, frog

**Chapter - 4 : Food We Eat**

**1. Tick (3) the correct answer :**

- |                  |             |
|------------------|-------------|
| (a) all of these | (b) morning |
| (c) energy       | (d) twice   |

**2. Write true or false :**

- |          |           |          |
|----------|-----------|----------|
| (a) True | (b) False | (c) True |
| (d) True |           |          |

**3. Match the following correctly :**

- (a) morning (b) afternoon  
(c) night (d) make us healthy

**4. Answer the following questions :**

- (a) Bread, Milk  
(b) Roti, Fish  
(c) Milk, Water  
(d) We get energy from food.  
(e) Fruits, Vegetables

**5. Fill in the boxes to complete the food names. Colour the picture :**

- (a) BANANA (b) EGGS  
(c) BRINJAL (d) BREAD  
(e) CAKE (f) MILK

**Chapter - 5 : Clothes We Wear**

**1. Tick (3) the correct answer :**

- (a) all of these (b) sheep  
(c) silkworms (d) cotton plant

**2. Fill in the blanks :**

- (a) uniform (b) beautiful  
(c) keep (d) need clothes

**3. Write 'true' or 'false' :**

- (a) True (b) True (c) True  
(d) False (e) True

**4. Match the correctly :**

- (a) Winter (b) Summer (c) Doctor  
(d) Occasions

**5. Answer these questions :**

- (a) Sheep gives us wool for woollen clothes.  
(b) We wear clothes to cover our body.  
(c) We get cotton from cotton plant.  
(d) Policeman, Nurse, Homeguard, Pilot, Doctor

**Chapter - 6 : My Home**

**1. Tick (3) the correct answer :**

- (a) house (b) all of these  
(c) sloping (d) igloos  
(e) pucca houses

**2. Fill in the blanks :**

- (a) wooden houses                      (b) pucca  
(c) kutchra                                (d) sloping

**3. Write true or false :**

- (a) True                                      (b) True  
(c) True                                      (d) True

**4. Answer the following questions :**

- (a) A house protects us from many things as Rain, wind, sun, thieves, wild animals.  
(b) Different parts of a house are roof, floor, window, door and walls.  
(c) They are made of straw and a small numbers of bricks mud, wood.  
(d) They are made of cement, bricks, steel, iron and wood.  
(e) An igloo is build of ice and snow blocks.

**Chapter - 7 : Our Sense Organs**

**1. Tick (3) the correct answer :**

- (a) skin                                      (b) thorn                                      (c) bird's song  
(d) TV

**2. Fill in the blanks :**

- (a) TV                                        (b) chocolate  
(c) Ravi                                      (d) skin

**3. Write true or false :**

- (a) True                                      (b) False                                      (c) False  
(d) True                                      (e) True

**4. Match the sense organs with their names. Draw lines to match :**

- (a) Ear                                        (b) Eye                                        (c) Tongue  
(d) Skin                                       (e) Nose

**5. Answer the following questions :**

- (a) I have two ears.  
(b) I have two eyes.  
(c) I have one nose.

**6. Answer the following questions :**

- (a) Neha is listening to the bird's song.  
(b) Ravi smells a rose.  
(c) He is watching T.V.  
(d) Neha is tasting a chocolate.

## Chapter - 8 : Good Health

**1. Tick (3) the correct answer :**

- (a) good (b) daily  
(c) nail cutter (d) healthy

**2. Fill in the blanks :**

- (a) follow some of the (b) eight  
(c) teeth (d) trim

**3. Complete the names of the things that keep us clean :**

- (a) COMB (b) OIL  
(c) SOAP (d) TOOTHBRUSH  
(e) SHAMPOO (f) NAIL CUTTER

**5. Answer the following questions :**

- (a) We do exercise daily to keep ourselves healthy.  
(b) We should always walk with our head held high.  
We should always walk with straight shoulders, do not bend forward.  
(c) We must take eight hours sleep every night.  
We should sleep on a neat and clean bed.  
(d) Take a daily bath.  
We must use soap to clean our body.

## Chapter - 9 : In My Classroom

**1. Tick (3) the correct answer :**

- (a) all of these (b) blackboard  
(c) 30 (d) dustbin

**2. Say true or false :**

- (a) False (b) True  
(c) False (d) False

**3. Fill in the blanks :**

- (a) school (b) Bajaj  
(c) display (d) throw

**4. Answer the following questions :**

- (a) There are 25 classrooms in my school.  
(b) Thirty students study in my class.  
(c) It has one door and two windows.  
(d) There are 30 desks and 30 chairs in my classroom.  
(e) There are one blackboard and two bulletin boards in my classroom.

## Chapter - 10 : In My Surroundings

- 1. Tick (3) the correct answer :**  
(a) temple and park      (b) cinema hall  
(c) market                (d) park
- 2. Match the following correctly :**  
(a) Shopping                (b) Teachers  
(c) Entertainment        (d) Christians  
(e) Patient                 (f) Letter
- 3. Say true or false :**  
(a) True                      (b) False                      (c) True  
(d) False                    (e) True
- 4. Fill in the blanks :**  
(a) market  
(b) Mr. Prashant Jain  
(c) Sanny Sharma  
(d) KMCH Meerut  
(e) Jwala Nagar Meerut  
(f) Oyster Public School Meerut
- 5. Answer in the following questions :**  
(a) Park, bank, temple and school are around our house.  
(b) We go to pray God to the temple.  
(c) We go to withdraw money to the bank.  
(d) We go to buy things to the market.

## Chapter - 11 : Our Helpers

- 1. Tick (3) the correct answer :**  
(a) vegetables              (b) furniture                      (c) houses  
(d) thieves                  (e) hair
- 2. Say true or false :**  
(a) False                      (b) True                          (c) True  
(d) True                        (e) False
- 3. Answer the following questions :**  
(a) A mason makes our houses.  
(b) A carpenter makes our furniture.  
(c) A barber cuts our hair.  
(d) A policeman catches thieves.



## Chapter - 12 : Our Festivals

### 1. Tick (3) the correct answer :

- (a) temple (b) 26th January (c) mosque  
(d) namaz (e) sewaiyan

### 2. Match the following correctly :

- (a) Temple (b) Mosque  
(c) Church (d) Gurudwara  
(e) 26th January (f) 15th August  
(g) 2nd October

### 3. Say true or false :

- (a) True (b) False (c) True  
(d) True (e) False

### 4. Fill in the blanks :

- (a) Id (b) 25th December  
(c) free kitchen called langar (d) wedding  
(e) freedom

### 5. Answer the following questions :

- (a) The Hindus worship God in the temples.  
(b) The Muslims celebrate Id.  
(c) Santa Claus brings gifts for children on Christmas.  
(d) They read their holy book the Guru Granth Sahib.  
(e) We cut a cake on the occasion of birthday party.  
(f) The Republic Day is celebrated on 26th January.  
(g) Mahatma Gandhi 'the father of our Nation' was born on 2nd October.

### *Art Integrations :*

- Holi is my favourite festival.
- It falls in the month of March.
- We worship God and burn Holika on this day.
- People play by pelting colours on every one.
- People visit their neighbours and relatives to enjoy the festival.

## Chapter - 13 : On the Move

### 1. Tick (v) the correct answer :

- (a) slow (b) aeroplane (c) villages  
(d) land transport (e) aeroplanes

### 2. Say true or false :

- (a) True (b) True (c) False

- (d) False                                      (e) False
- 3. Fill in the blanks :**
- (a) train                                      (b) water                                      (c) flying  
 (d) transport                                      (e) Aeroplane
- 4. Match the following correctly :**
- (a) land transport                                      (b) water transport  
 (c) air transport                                      (d) slow means of transport
- 5. Name the following :**
- (a) cycles, bullock cart                                      (b) bus, trains  
 (c) bus, car                                      (d) helicopter, aeroplane  
 (e) ships, boats
- 6. What means of transport will you use for :**
- (a) Train                                      (b) Cycles  
 (c) Motor cycle

### Chapter - 14 : On the Road

- 1. Tick (3) the correct answer :**
- (a) road                                      (b) stop  
 (c) all of these
- 2. Say true or false :**
- (a) True                                      (b) False  
 (c) False                                      (d) True  
 (e) False
- 3. Fill in the blanks :**
- (a) stop                                      (b) go  
 (c) play                                      (d) lean  
 (d) footpath
- 4. Answer the following questions :**
- (a) There are three lights on the traffic lights.  
 (b) The red light says 'Stop'.  
 (c) The green light says 'Go'.  
 (d) The yellow light says 'Ready'.  
 (e) Cross the road on the Zebra crossing before you cross the road.
- First look to your right, and then look to your left. Again, look to your right and walk across the road.
  - Never get on or off when the bus is moving.
  - Never lean out of the bus.

## Chapter - 15 : Air around Us

- 1. Tick (3) the correct option :**  
(a) football                      (b) living things  
(c) wind                              (d) blowing air
- 2. Say true or false :**  
(a) True                              (b) False  
(c) True
- 3. Fill in the blanks with suitable words selecting from the brackets :**  
(a) breathing in                      (b) oxygen  
(c) many                              (d) us
- 4. Answer the following questions :**  
(a) Air is filled in cycle tube and balloons.  
(b) Air cannot be seen and we cannot smell air.  
(c) Living things breathe oxygen in.

## Chapter - 16 : Water: Our Need

- 1. Tick (3) the correct answer :**  
(a) all of these                      (b) mountains  
(c) underground                      (d) all of these  
(e) clean
- 2. Match the columns correctly :**  
(a) underground water                      (b) sea  
(c) bathing and washing                      (d) to grow  
(e) waste water
- 3. Say true or false :**  
(a) True                              (b) False  
(c) True                              (d) True  
(e) False
- 4. Match the following correctly :**  
(a) Hand Pump                      (b) Well  
(c) Rain                              (d) River
- 5. Answer the following questions :**  
(a) Rain is the main source of water.  
(b) Drinking and washing clothes.  
(c) We get underwater ground by pulling with hand pumps and tubewell.  
(d) Plants use water to growth.  
(e) Water is used for transportation by rowing boats and ships.

## Chapter - 17 : In The Sky

**1. Tick (3) the correct answer :**

- (a) both (i) and (ii)      (b) night  
(c) rainbow                      (d) rain

**2. Say true or false :**

- (a) True                              (b) True  
(c) True                              (d) False

**3. Fill in the blanks :**

- (a) morning                      (b) sun  
(c) stars                              (d) Clouds

**4. Answer the following questions :**

- (a) The sun rises in the morning.  
(c) The moon rises and the stars come out in the night.  
(d) Rainbow is the colourful band seen in the sky.

***Art Integrations :***

- |          |           |
|----------|-----------|
| 1. STARS | 2. MOON   |
| 3. SUN   | 4. CLOUDS |

## World Around Us - 2

### Chapter - 1 : About Myself

- 1. Tick (3) the correct answer :**
  - (a) monkey
  - (b) introduction
  - (c) about myself
- 2. Answer these questions :**
  - (a) My birthday falls on .....
  - (b) The colour of my eyes in black.
  - (c) The story of A Monkey and Two Cats.

### Chapter - 2 : Growing Up

- 1. Tick (3) the correct answer :**
  - (a) small boy or girl
  - (b) time
  - (c) weak
  - (d) both (i) and (ii)
- 2. Say true or false :**
  - (a) True
  - (b) False
  - (c) True
  - (d) False
  - (e) False
- 3. Fill in the blanks :**
  - (a) grow with time
  - (b) small
  - (c) care of
  - (d) change
  - (e) grey and then white
- 4. Answer the following questions :**
  - (a) I am five years old.
  - (b) My mother is 22 and father is 25 years old.
  - (c) My brother/ sister is 7 years old.
  - (d) Yes, I have my grandparents.
  - (e) My grandfather is 65 and my grandmother is 60 years old.

### Chapter - 3 : Our Food

- 1. Tick (3) the correct answer :**
  - (a) all of these
  - (b) Non-vegetarian
  - (c) vegetarian
  - (d) body-building food
  - (e) fresh food
- 2. Fill in the blanks :**
  - (a) energy
  - (b) Non-vegetarian
  - (c) tall, strong and muscular
  - (d) protective
  - (e) avoid

**3. Say true or false :**

- (a) True                      (b) True                      (c) False  
(d) True                      (e) True

**4. Write five good habits :**

- (a) Wash your hands before and after eating meal.  
(b) Never buy or eat uncovered food from street sides.  
(c) Keep the food covered.  
(d) Do not talk when you eat.  
(e) Sit properly when you are eating.

**5. Answer the following questions :**

- (a) Eggs, chapatti, mango and meat.  
(b) Pulses, eggs, milk, meat, etc.  
(c) Two energy giving foods are sweet and rice.

**Chapter - 4 : Our Clothes**

**1. Tick (3 the correct answer :**

- (a) sheep                      (b) silk                      (c) cotton  
(d) buffalo                      (e) nylon

**2. Say true or false :**

- (a) True                      (b) False                      (c) False  
(d) True                      (e) True

**3. Fill in the blanks :**

- (a) cotton                      (b) silk                      (c) cotton  
(d) buffalo, bullocks, snakes, crocodiles etc.  
(e) types of clothes

**4. Match these properly :**

- (a) Woman                      (b) Man                      (c) Sheep  
(d) Natural fibre                      (e) Artificial fibre

**5. Answer the following questions :**

- (a) We wear uniform to school.  
(b) My mother wears saree everyday.  
(c) I like pant and shirt most.  
(d) Silk clothes are made of silk fibre.  
(e) Yes, in the rainy season.

**Chapter - 5 : Building A House**

**1. Tick (3) the correct answer :**

- (a) all of these                      (b) sleeping                      (c) kitchen

- (d) furniture                      (e) all of these
- 2. Say true or false :**
- (a) True                      (b) True                      (c) False  
 (d) False                      (e) True
- 3. Match these correctly :**
- (a) makes a plan of the house              (b) builds the house  
 (c) makes the furniture                      (d) fits taps, wash-basin, etc.  
 (e) lays electric wires                      (f) paints the house
- 4. Write the name of :**
- |                 |            |              |
|-----------------|------------|--------------|
| (a) Double Bed  | Table Lamp | Almiraha     |
| (b) Cooking     | gas stove  | Chimney      |
| (c) Towel stand | Bucket     | Scrubber     |
| (d) Sofa set    | Table      | Book shelves |
- 5. Answer the following questions :**
- (a) Hut, Bungalow, Multi-storey Building Duplex house.  
 (b) I live in a flat.  
 (c) Bricks, cement, dust, water, wood and glass.  
 (d) My house have four rooms.  
 (e) A painter paints the houses.

### Chapter - 6 : Good Health

- 1. Tick (3) the correct answer :**
- (a) eight hours                      (b) healthy  
 (c) both (i) and (ii)                      (d) early  
 (e) daily
- 2. Match the following :**
- (a) (ii)                      (b) (iii)  
 (c) (iv)                      (d) (i)
- 3. Fill in the blanks :**
- (a) follow                      (b) eight  
 (c) teeth                      (d) Trim
- 4. Complete the names of the things that keep us clean :**
- (a) COMB                      (d) TOOTHBRUSH  
 (c) SOAP                      (e) SHAMPOO  
 (f) AIR
- 5. Answer the following questions :**
- (a) I brush my teeth two times.  
 (b) I take a bath one time.

- (c) Yes, I take exercise daily.
- (d) I play Cricket and Kabaddi to stay fit.
- (e) I go to bed early.

### Chapter - 7 : My Family

**1. Tick (3) the correct answer :**

- (a) small                      (b) cousins                      (c) father

**2. Fill in the blanks :**

- (a) family                      (b) paternal                      (c) earns]  
(d) important

**3. Say true or false :**

- (a) True                      (b) False  
(c) True                      (d) False

**4. Answer the following questions :**

- (a) When parents and their children stay together in a house, it is called a nuclear family.
- (b) In a big joint family, grandparents, parents, children, aunts, uncles and cousins all live together in the same house.
- (c) Children of uncles and aunts are cousins.
- (d) Children can perform the following roles in a family-
  - They should help the mother in the kitchen.
  - They should help in keeping the house clean.

### Chapter - 8 : Having Fun

**1. Tick (3) the correct answer :**

- (a) both (i) and (ii)                      (b) all of these                      (c) movie  
(d) Kullu-Manali                      (e) weddings

**2. Fill in the blanks :**

- (a) fairs                      (b) games                      (c) weddings  
(d) dance                      (e) holidays

**3. Say true or false :**

- (a) true                      (b) false                      (c) true  
(d) false                      (e) true

**4. What do you do in the free time? Write in brief.**

I go on picnic to watch movie and watch TV in the free time. Sometimes I read story books to pass my time.

**5. Answer the following questions :**

- (a) Going to fairs and picnic are fun. These help us to pastime in



enjoyment. This is called Recreation.

- (b) I pass my time going on a picnic.
- (c) Yes, I go on picnic with my family.
- (d) On Sunday, I go to watch a movie.
- (e) I go to hill stations for summer vacations.

### Chapter - 9 : Going To School

**1. Tick (3) the correct answer :**

- (a) class I to V                      (b) 5th September
- (c) Vanmahotsav Day              (d) both (i) and (ii)

**2. Fill in the blanks :**

- (a) students                              (b) Vanmahotsava Day
- (c) awarded                              (d) 15th August

**3. Say true or false :**

- (a) True                                      (b) True
- (c) False                                    (d) True

**4. Match these properly :**

- (a) 5th September                      (b) 26th January
- (c) 15th August                              (d) 2nd October

**5. Answer the following questions :**

- (a) The name of my school is DAV Public School Meerut.
- (b) We pray in the school assembly hall.
- (c) Republic Day, Independence Day, Teacher's Day, Gandhi Jayanti
- (d) On the Independence Day celebration, the Principal unfurls the National Flag. The students, the teachers and the Principal salute the flag with respect and sing National Anthem.
- (e) I study Hindi, English, EVS, Maths, and Science in the school.
- (f) On Vanmahotsav Day, we plant saplings and promise to always respect, love and conserve nature and its gifts to mankind.

### Chapter - 10 : Celebrating Together

**1. Tick (3) the correct answer :**

- (a) Christmas                              (b) Holi                                      (c) Dusshera
- (d) Sewaiyan                              (e) Maharashtra

**2. Say true or false :**

- (a) True                                      (b) True                                      (c) True
- (d) False                                    (e) True

**3. Fill in the blanks :**

- (a) Carols (b) happy (c) Guruparvs  
(d) harvest (e) Ganesh Chaturthi

**4. Match these correctly :**

- (a) Maharashtra (b) Goddess Lakshmi  
(c) Guru Nanak (d) Jesus Christ  
(e) Snake boat races

**5. Answer the following questions :**

- (a) Holi  
(b) Onam  
(c) Candles and Diyas of oil and ghee  
(d) People eat Sewaiyan on Id.  
(e) Christmas Tree  
(f) People eat langar in Gurudwara.  
(g) Ganesh Chaturthi is the main festival of Maharashtra.  
(h) Effigies of Ravana, Kumbhkarana and Meghnad are burnt on Dusshera.

**Chapter - 11 : The Neighbourhood**

**1. Tick (3) the correct answer :**

- (a) stationer's shop (b) departmental store  
(c) all of these (d) bank locker  
(e) post office

**2. Fill in the blanks :**

- (a) market (b) books  
(c) green-grocer (d) bank manager  
(e) traffic

**3. Say true or false :**

- (a) False (b) True (c) True  
(d) False (e) True

**4. Read the following and tell me where I should go :**

- (a) Police-station (b) Bank  
(c) Fruits seller shop (d) Green-grocer  
(e) Dairy

**5. Answer the following questions :**

- (a) Valley bazaar, Meerut  
(b) Kailash Hospital  
(c) PNB Maliyana

- (d) Kotala Bazar Meerut
- (e) The Raymond shop
- (f) T.P. Nagar police station
- (g) Shri P.M. Guptaji lives next to my house.

### Chapter - 12 : Our Occupations

**1. Tick (3) the correct answer :**

- (a) occupation                      (b) cereals
- (c) blacksmith                      (d) scientist
- (e) country

**2. Match these properly :**

- (a) blacksmith                      (b) soldier
- (c) teacher                      (d) pilot
- (e) photographer                      (f) chef

**3. Complete the following :**

- (a) vehicles
- (b) poems and stories of books
- (c) dishes in a large hotel.
- (d) plane

**4. Answer the following questions :**

- (a) The work done to earn money is known as an occupation.
- (b) My father follows tailoring.
- (c) My mother follows teaching.
- (d) My friend's father follows practice in the court.
- (e) My neighbour's father follow shop of grocery.

### Chapter - 13 : The World of Plants

**1. Tick (3) the correct answer :**

- (a) rose and marigold                      (b) trees
- (c) spices                      (d) dry fruit

**2. Fill in the blanks :**

- (a) Mango, Papaya                      (b) Wheat, Gram
- (c) Neem, Banyan                      (d) Rose, Marigold

**3. Say true or false :**

- (a) True                      (b) False
- (c) True                      (d) True
- (e) True

**4. Match these properly :**

- (a) tree (d) spice  
(b) bush (e) medicine  
(c) fruits

**5. Answer the following questions :**

- (a) Smaller plants are called bushes and shrubs. Some examples of shrubs are :- Tea bush, Coffee bush, Rose, Basil  
(b) Almonds, fig, apricot, nuts.  
(c) Peepal, Mango, Neem, Banyan  
(d) Seed, husk

**Chapter - 14 : Animal Around Us**

**1. Tick (3) the correct answer :**

- (a) eggs (b) all of these (c) all of these  
(d) polo (e) sheep

**2. Fill in the blanks :**

- (a) hen, duck (b) shoes, belt  
(c) fox, tiger (d) cow, goat  
(e) dog, parrot (f) wool, leather

**3. Say true or false :**

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

**5. Answer these questions :**

- (a) Dogs keep a watch on our house. They chase away thieves. Some dogs help the blind people by guiding their way.  
(b) The horse is used to play polo.  
(c) We get leather and milk from buffalo, sheep, goat, and camel.  
(d) In forest areas, elephants are used to go on safari, rides. They can carry heavy logs of wood.  
(e) Flesh eaters are called Carnivores. Examples- lion, leopard, fox, vulture, tiger.  
Plant-eaters are called herbivores. Example- Goat, deer, camel, buffaloes.  
Some animals eat both flesh and plant products. They are called omnivores. Examples- Dog, fox, bears  
(f) Bees suck nectar from flowers. They store it in their hives and turn it into honey. We get this honey and use it as food. Bees also make wax. Wax is used to polish furniture and shoes and to make candles. Silkworm is small insect. The covering around its

body is called a cocoon. We get silk fibre from it. Silk is used to make beautiful sarees, dress materials, and scarves.

### Chapter - 15 : Transport and Communication

- 1. Tick (3) the correct answer :**  
(a) water                      (b) telegram                      (c) newspaper  
(d) all of these              (e) water transport
- 2. Fill in the blanks with suitable words given in brackets :**  
(a) wooden wheels          (b) helipad  
(c) e-mail                      (d) Trains
- 3. Say True or False :**  
(a) True                          (b) False  
(c) True                          (d) True
- 4. Which device will you use for the following?**  
(a) Radio                          (b) Newspaper                      (c) Television  
(d) Letter                          (e) Telephone
- 5. Answer the following questions :**  
(a) Diesel Engine Electric engine.  
(b) Bullockcart, Tonga  
(c) Plane, Helicopter  
(d) Car, Truck, Bus  
(e) Television, Mobile phone

### Chapter - 16 : Safety Rules

- 1. Tick (3) the correct answer :**  
(a) in the park                  (b) injuries and accidents  
(c) No horn zone              (d) strangers
- 2. Fill in the blanks with suitable words given in the brackets :**  
(a) careful                          (b) traffic  
(c) safe                                  (d) run
- 3. Say true or false :**  
(a) False                          (b) True  
(c) False                          (d) False
- 4. Match the following correctly :**  
(a) School ahead                  (b) No right turn  
(c) No left turn                      (d) No horn zone
- 5. Answer the following questions :**  
(a) 1. Never use electrical goods in the absence of your parents.

- 2. Never touch electric wires and switches.
- (b)
  - 1. Always play safe games.
  - 2. Never play near ponds, wells or open drains.
- (c)
  - 1. Never walk, run or play in the middle of the road.
  - 2. Never jump over railings or dividers.
- (d) Never go alone for swimming. Go with an elder.
- (e)
  - 1. We should always follow the safety rules.
  - 2. We should always follow the rules of the road.
  - 3. We should never talk to strangers.
  - 4. We should never touch electric wires and switches.

## World Around Us - 3

### Chapter - 1 : Types of Families

**1. Tick (3) the correct answer :**

- (a) nuclear family                      (b) big family  
(c) all of these                            (d) joint family

**2. Fill in the blanks :**

- (a) good                                      (b) twin  
(c) joint                                        (d) nuclear

**3. Write true or false :**

- (a) True                                        (b) False  
(c) True                                        (d) False

**4. Match these correctly :**

- (a) more than four members  
(b) four members  
(c) many members  
(d) twin of Salim

**5. Answer the following questions :**

- (a) Yes, I live in a nuclear family.  
(b) A family which have elderly members grandfather and grandmother is called a joint family.  
(c) A family with more than two children is called a big family.  
(d) My grandfather waters the plants and makes replies of my questions. He also teaches me grammar.  
(e) My grandmother teaches me good habits at home.

### Chapter - 2 : They Need Our Care

**1. Tick (3) the correct answer :**

- (a) all of these                              (b) old people  
(c) church                                    (d) shawl

**3. Write true or false :**

- (a) True                                        (b) True  
(c) True                                        (d) True

**4. Match these properly :**

- (a) read the newspaper for an old lady.  
(b) wrote a letter for an old man.  
(c) shared many jokes and stories with everyone.  
(d) Sheenu's teacher

**4. Answer the following questions :**

- (a) Grandparents should be treated with love and respect.
- (b) We can take care of our grandparents by loving and respecting.
- (c) Braille, it was invented by Louis Braille.
- (d) Many helpers, doctors and nurses take care of people who live in old age home.

**Art Integrations :**

- I read the newspaper for my grandparents.
- I share many jokes and stories with my grandparents.
- I bring tea and biscuits to my grandparents daily.
- Sometimes I ask my grandparents of their favourite dish and my mother cooks it for them.

**Chapter - 3 : We Need Air**

**1. Tick (3) the correct answer :**

- (a) breathing                      (b) all of these                      (c) plants

**2. Write true or false :**

- (a) fresh                      (b) dust  
(c) sleeping                      (d) trees

**3. Answer the following questions :**

- (a) Trees and plants make the air fresh and clean.
- (b) Fresh air helps us to keep healthy.
- (c) Dust smoke from cars and factories make the air dirty.
- (d) 1. We must use a handkerchief when we cough or sneeze so that germs do not spread.  
2. We should not throw garbage on the road but dump it in covered dustbins.  
3. We should not burn garbage or dry leaves.

**Chapter - 4 : We Need Water**

**1. Tick (3) the correct answer :**

- (a) all of these                      (b) electricity  
(c) groundwater

**2. Fill in the blanks :**

- (a) water                      (b) cook                      (c) tanks  
(d) three-fourth                      (e) clean

**4. Answer the following questions :**

- (a) Farmers need water to grow crops.



- (b) Water reaches our homes through taps from big water tanks.
- (c) People in cities get water from wells and pumps. Some get water from tanks and ponds.
- (d) Water becomes dirty when we throw waste into the water.
- (e) We can keep water clean by storing it into clean utensils and covering it from dust and germs.

### **Chapter - 5 : Precious Drops of Water**

**1. Tick (3) the correct answer :**

- (a) save water                      (b) summer
- (c) thorny tree                      (d) camel

**2. Fill in the blanks :**

- (a) summer                      (b) water
- (c) rooftops                      (d) precious

**3. Write true or false :**

- (a) True                      (b) False
- (c) True                      (d) True

**4. Match these properly :**

- (a) a thorny plant
- (b) a thorny tree
- (c) storehouse of water and fat
- (d) sandy land

**5. Answer the following questions :**

- (a) Saving water by various means is called conserving water.
- (b) We must not use showers for bath but use buckets and mugs for bath.
  - We must not use pipes to wash our vehicles instead of this use buckets and mugs.
  - We must keep the taps turned off when not required.
  - We must repair leakage of taps.
  - We must reuse water left after washing clothes or vegetables for other purposes.
- (c) During summer, we often face water shortage. To face this shortage, we need to conserve water.
  - During the less rainfall, we face the shortage of water and at that time we fulfill our need of water by conserved water.
- (e) In this process, rainwater is mostly collected on rooftops from where pipes carry it to underground tanks.

## Chapter - 6 : Our Occupations

**1. Tick (3) the correct answer :**

- (a) agriculture (b) happiness  
(c) all of these (d) 14 years

**2. Fill in the blanks :**

- (a) crops (b) money  
(c) jhuggis (d) government

**3. Write true or false :**

- (a) False (b) True  
(c) True (d) False

**4. Match these properly :**

- (a) cures the disease (b) teaches us  
(c) cuts our hair (d) mends our shoes

**5. Answer the following questions :**

- (a) Agriculture is the process by which farmers grow crops, fruits and vegetables.
- (b) Everyone works hard to earn money to lead a comfortable life. To enjoy this money and comfort we must have sometime to relax. This time is called leisure time.
- (c) The work which we do to enjoy ourselves is called a hobby.
- (d) All these people do their work because they like these works and they earn money from these works. Such a work is called an occupation.
- (e) Poor children go to work in small hotels, matchstick factories, carpet weaving factories, firecracker factories and collect garbage things.

## Chapter - 7 : Shelter for All

**1. Tick (3) the correct answer :**

- (a) rain (b) green garbage bins  
(c) stable (d) mosquito and flies

**2. Fill in the blanks :**

- (a) forests (b) Neha  
(c) neat (d) garbage

**3. Match these properly :**

- (a) kitchen wastes  
(b) wastes of paper, plastic and glass  
(c) protects us from heat, cold, rain etc  
(d) diseases

**4. Write true or false :**

- (a) True                                  (b) False
- (c) False                                 (d) True

**5. Answer the following questions :**

- (a) Man used to make shelters branches, leaves, grass and bamboos.
- (b) A house protects us from heat, cold, rain, animals and robbers.
- (c) Birds and insects live in Neha's garden.
- (d) The early man lived in the forests and caves.
- (e) Diseases are caused by mosquitoes and flies.

### **Chapter - 8 : Healthy Environment**

**1. Tick (3) the correct answer :**

- (a) both (i) and (ii)
- (b) noise pollution
- (c) polythene

**2. Write true or false :**

- (a) False                                  (b) True                                  (c) False
- (d) True                                   (e) True

**3. Answer the following questions :**

- (a) Everything surrounding us is our environment.
- (b) Smoke and dust make the air pollution.
- (c) Wastes from houses and factories make water dirty.
- (d) Throwing, waste on roads, parks and other open spaces makes the land polluted. Land pollution causes many diseases.
- (e) When the air is filled with loud noises that harm our ears and damage our hearing. This happens both indoors-like listening to loud music and TV, and outdoors-like cars blowing their horns, bursting firecrackers and so on.
- (f) We can save our environment by planting more trees, throwing waste in covered bins, using jute or paper. We should not use firecrackers and keeping our surroundings clean.

### **Chapter - 9 : Natural Resources**

**1. Tick (3) the correct answer :**

- (a) natural resources                 (b) rocks                                 (c) pumice

**2. Fill in the blanks :**

- (a) Minerals                              (b) three

- (c) conserve
- 3. Write true or false :**
- (a) True (b) True  
(c) False (d) True
- 4. Answer the following questions :**
- (a) Minerals are the naturally occurring substances in the earth's crust.
- (b) Minerals are formed from various types of rocks.
- (c) We obtain minerals from different rocks like igneous rocks, sedimentary rocks, metamorphic rocks.
- (d) Metallic Minerals:- They are those minerals which have a rigid shape allow electricity to pass through them. They are good conductors of electricity. Like gold, silver, aluminium, etc.
- (e) Non-metallic Minerals:- These minerals are the form of sheets of stone, powders or chemicals. They do not allow electricity to pass through them.
- (f) Mineral Fuels:-They are also known as fossil fuels. They are formed with the remains of buried dead plants and animals deep inside the earth surface, like coal, petrol and gas.
- (g) *Importance of Minerals :-*
- Minerals are useful, they are the good conductor of electricity.
  - We use coal, petrol and gas to run our vehicles and other machines.
  - Minerals like gold, silver etc. are used for making ornaments and jewellery.
  - They are the important raw materials for industries. We should conserve minerals as they are very useful to us.

### Chapter - 10 Moving Around

- 1. Tick (3) the correct answer :**
- (a) Mumbai (b) an electric engine  
(c) red shirt (d) Kolkata  
(e) Haryana
- 2. Write true or false :**
- (a) True (b) True (c) False  
(d) True (e) False
- 3. Match these properly :**
- (a) Shimla (b) Kolkata (c) Haryana

- (d) New York                      (e) Mumbai
- 4. Fill in the blanks :**
- (a) Shimla                      (b) surprised  
(c) barriers                      (d) Tim
- 5. Name the means of transport you will use in each case given below :**
- (a) bus/ train                      (b) aeroplane  
(c) train                      (d) bus
- 6. Answer the following questions :**
- (a) We can catch a train at the railway station.  
(b) The guard signals for a train to move or stop.  
(c) The coolie carries luggages.  
(d) Travelling ticket examiner checks the ticket of passengers.

### Chapter - 11 : Communication Made Easier

- 1. Tick (3) the correct answer :**
- (a) Goa                      (b) post office  
(c) postman                      (d) another country  
(e) mobile phone
- 2. Say true or false :**
- (a) True                      (b) False                      (c) True  
(d) True                      (e) True
- 3. Match these properly :**
- (a) post office                      (b) foreign country  
(c) quicker message                      (d) STD or ISD  
(e) E-mails
- 4. Fill in the blanks :**
- (a) office                      (b) radio                      (c) e-mails  
(d) Aerogram
- 5. Answer the following questions :**
- (a) We can get inland letters and postcards from the post office.  
(b) The Postman collects the letters from the letter box.  
(c) If we want to send a letter to someone in another country then and we must write it on an aerogram.  
(d) Telegrams reach quicker than letter. We have to pay for every word written in the telegram. A message sent by telegram takes a few hours to reach addressee.  
(e) S.T.D. i.e. subscriber trunk dialing helps us to talk with relatives within the country.

## Chapter - 12 : Expressing Without Words

**1. Tick (3) the correct answer :**

- (a) act as                      (b) deaf and dumb                      (c) equals  
(d) deaf and dumb                      (e) expressions

**2. Write true or false :**

- (a) True                      (b) False                      (c) True  
(d) False                      (e) True

**3. Match these properly :**

- (a) a sad face                      (b) a smiling face  
(c) an angry face

**4. Complete the following :**

- (a) mirrors of our thoughts  
(b) expressions  
(c) sign language it became very easy for my father to make Tony his friends.  
(d) hand movements

**5. Answer these questions :**

- (a) No, I have never played dumb charades.  
(b) Tim's father learnt the sign language.  
(c) Deaf and dumb students use the sign language.  
(d) A person who cannot hear is deaf.  
(e) A person who cannot speak is dumb.

## Chapter - 13 : The Plant World

**1. Tick (3) the correct answer :**

- (a) Where do the plants get their food from?  
(b) shoot                      (c) all of these  
(d) shoot                      (e) green colour

**2. Write true or false :**

- (a) True                      (b) False                      (c) True  
(d) False                      (e) True

**3. Fill in the blanks :**

- (a) autumn                      (b) Banana and other large  
(c) myrtle                      (d) torna                      (e) the water

**4. Match these properly :**

- (a) Leaf fall                      (b) medicine  
(c) colouring hands and feet  
(d) torna                      (e) green material

**5. Answer the following questions :**

- (a) The part of the plant above the ground is called the shoot.
- (b) The part of the plant below the ground is called the root.
- (c) Plants get minerals and water from the soil.
- (d) Leaves make food for plants.
- (e) The green colour of the leaves is because of a green material called chlorophyll present in the leaves.
- (f) Chlorophyll works with sunlight, air and water to prepare food for the plant. This process is called photosynthesis.
- (g) “A mango leaves torna (leaves on strings on doorstep) is considered auspicious.”  
“Banana and other large leaves serve as plates for food on traditional feasts.”

**Chapter - 14 : The Animal World**

**1. Tick (3) the correct answer :**

- (a) trees
- (b) cave or den
- (c) hole
- (d) burrows
- (e) crawls

**2. Write true or false :**

- (a) True
- (b) False
- (c) True
- (d) True
- (e) False

**3. Complete these statements :**

- (a) homes in tree holes or abandoned rat holes on ground
- (b) burrows
- (c) anthills
- (d) in the shells that they carry on their backs

**4. Match these properly :**

- (a) (ii)
- (b) (i)
- (c) (v)
- (d) (iii)
- (e) (iv)

**5. Answer the following questions :**

- (a) A den is a living place of lions.
- (b) Snakes live in holes.
- (c) A network of inter connecting rabbit burrows is called warren.
- (d) Lion, tiger
- (e) Goat, cow

## Chapter - 15 : The Creepy Crawlies

- 1. Tick (3) the correct answer :**  
(a) six legs                      (b) human hair  
(c) all of these                  (d) dampy places
- 2. Write true or false :**  
(a) True                              (b) False                      (c) False  
(d) Tree                              (e) False
- 3. Match the properly :**  
(a) rugs                              (b) insect                      (c) web  
(d) soil                              (e) bite hard
- 4. Fill in the blanks :**  
(a) Cockroaches                  (b) germs                      (c) Mosquitoes  
(d) Honeybee                      (e) homes
- 5. Answer the following questions :**  
(a) Creatures having six legs are called insects.  
(b) The spider is not an insect because it has more than six legs.  
(c) Bedbugs, leeches and mosquitoes bite and suck blood of humans and animals.  
(d) Lice are found in human and animal hair.

## Chapter - 16 : Birds In Flight

- 1. Tick (3) the correct answer :**  
(a) kiwi                              (b) all of these  
(c) feather                          (d) warm
- 2. Write true or false :**  
(a) True                              (b) True                      (c) False  
(d) True                              (e) False
- 3. Match the properly :**  
(a) is the largest bird on the land  
(b) can see very well in the night  
(c) can also fly backwards  
(d) is a flightless bird
- 4. Fill in the blanks :**  
(a) humming bird  
(b) small  
(c) feathers  
(d) owl  
(e) Down feathers



**5. Answer the following questions :**

- (a) Pigeon, Sparrow
- (b) Penguin, Ostrich
- (c) Bones and feathers
- (d) Down feathers keep the bird's body warm.
- (e) Ostrich cannot fly. They are the largest birds and the fastest birds on land.

**Chapter - 17 : Birds And Their Beaks**

**1. Tick (3) the correct answer :**

- (a) beak (b) eagle
- (c) suck nector (d) swan

**2. Write true or false :**

- (a) True (b) False (c) True
- (d) True (e) False

**3. Fill in the blanks :**

- (a) sharp (b) break
- (c) sharp, strong and pointed
- (d) bill (e) tear

**5. Answer the following questions :**

- (a) Kingfisher (b) Sparrow (c) Hen
- (d) Eagle (e) Duck

**Chapter - 18 : The Potter's Tale**

**1. Tick (3) the correct answer :**

- (a) tea (b) natural clay of white colour
- (c) oven (d) wheel
- (e) wheel

**2. Write true or false :**

- (a) True (b) False (c) True
- (d) False (e) True

**3. Fill in the blanks :**

- (a) Kaolin (b) The earlyman
- (c) blob (d) oven
- (e) Glazed

**5. Answer the following questions :**

- (a) Before the invention and use of potter's wheel, vessels were being made by hand.

- (b) Natural white coloured clay is called Kaolin.
- (c) Kaoilin is found near the river.
- (d) The sun dried clay pots were put in an oven to be fired.
- (e) Clay pots were used by early man to store surplus grains and cook food.
- (f) In today's time, clay pottery items are glazed. This means they are smoother and shinier than the early man's pottery. It is called modern pottery.

## World Around Us - 4

### Chapter - 1 : Living and Non-Living Things

1. Tick (3) the correct answer :

- (a) natural things                      (b) road, buses etc  
(c) oxygen                                (d) gills

2. Fill in the blanks :

- (a) breathing                              (b) photosynthesis  
(c) man-made things                      (d) eggs

3. Match the following :

- (a) breathe                                (b) natural things  
(c) living things                              (d) non-living

4. Write 'True' or 'False' :

- (a) True                                      (b) False  
(c) True                                      (d) False

5. Answer the following questions :

- (a) Natural things are those things that have been given to us by nature.  
(b) Things that have been made by humans like roads, cars, buildings, bridges etc. are known as man-made things.  
(c) *Living Things*                              *Non-living Things*  
They need breathing.                      They do not need breathing.  
They reproduce.                              They do not reproduce.  
They need food.                              They do not need food.  
(d) The process by which plants prepare their food is known as Photosynthesis.

### Chapter - 2 : Our Sense Organs

1. Tick (3) the correct answer :

- (a) skin                                      (b) all of these  
(c) taste                                      (d) blind

2. Fill in the blanks :

- (a) five                                      (b) tongue  
(c) differently abled people  
(d) dumb

3. Write true or false :

- (a) True                                      (b) False  
(c) False                                      (d) True

**5. Answer the questions :**

- (a) The eyes help us to see the world around us.
- (b) Ears, nose, tongue, eyes and skin.
- (c) We must be helpful to the differently-abled people. Never pity them. Never insult them. Never poke fun at them. Never tease them.
- (d) There are many people around us who are special. They have five sense organs like us but these organs may not be functioning properly. They are blind, dumb and deaf.
- (e) The nose helps us to sense different smells. It helps us to breathe in air. The smell of a thing we are about to eat can tell us if we are going to taste it as good or bad.
- (f) The tongue helps us to taste food we eat i.e. bitter, sweet, sour and salty. We can taste four tastes.

***Care of the Tongue***

- Do not eat or drink very hot things.
  - Clean your tongue regularly.
- (g) Difference between deaf and dumb.

***Deaf***

- 1. People who cannot hear are called deaf.
- 2. Their ears are defected.

***Dumb***

- People who cannot speak are called dumb.
- There throat and tongue are defected.

**Chapter - 3 : Our Teeth**

**1. Tick (3) the correct answer :**

- (a) 8
- (b) chewing
- (c) 6 and 24 months of life

**2. Fill in the blanks :**

- (a) incisors
- (b) teeth
- (c) gun
- (d) chewing

**3. Write true or false :**

- (a) True
- (b) False
- (c) True
- (d) True

**4. Write the number of the following teeth in the human beings :**

- (a) 8
- (b) 4
- (c) 8
- (d) 8

**5. Answer the following questions :**

- (a) Milk teeth, which appear between the first 6 and 26 months of life.
- (b) Teeth are important for cutting, chewing and grinding our food. It also makes our face look attractive. Without teeth we cannot speak clearly and properly.
- (c) Behind incisors, are four canine teeth, one on each side, top and bottom. They are sharp and forge-like and are used for tearing food, especially meat.
- (d) Permanent teeth- Which grow from the age of about 6 years until the 20s.

**Chapter - 4 : Babies and Parents**

**1. Tick (3) the correct answer :**

- (a) incubation
- (b) viviparous animal
- (c) lot of care
- (d) all of these

**2. Fill in the blanks :**

- (a) eggs
- (b) animals
- (c) baby
- (d) nests

**3. Match the following :**

- (a) to give birth to their young ones.
- (b) birds
- (c) mammals
- (d) leaves its young ones after birth

**4. Write true or false :**

- (a) True
- (b) False
- (c) True
- (d) True

**5. Answer the following questions :**

- (a) Birds lay eggs in their nests.
- (b) The process by which living beings produce their young ones is called reproduction.
- (c) Many animals give birth to their young ones themselves. Such animals are called viviparous animals and mammals.
- (d) Animals that reproduce by laying eggs are called oviparous animals.
- (e) Human, cow
- (f) Parrot

## Chapter - 5 : Values We Learn

### 1. Tick (3) the correct answer :

- (a) all of these                      (b) none of these  
(c) plants and animals              (d) aunt  
(e) guitar

### 2. Fill in the blanks :

- (a) laying the dinner table and welcoming guests.  
(b) hard work cooperation, disciplined honesty at work.  
(c) buying things from the market.  
(d) doing paper craft work neatly.  
(e) stake and to ride the bicycle.

### 3. Write true or false :

- (a) True                                      (b) False  
(c) True                                      (d) False

### 5. Answer the following questions :

- (a) In the past, the children helped in many ways at home. Sometimes they even helped to earn some money. Children worked in the fields by growing crops, cleaning wheat, weaving baskets or in spinning cotton.
- (b) When children worked with parents they learnt the values of hardwork, cooperation, discipline and honesty at work.
- (c) Aunt has taught me how to buy things from the market. Uncle has told me how to do paper craft work neatly. My mother has taught me to lay the dinner table and to welcome guests. My father helps me in my homework. He has taught me to make proper use of time for work and play.

## Chapter - 6 : The Journey of Food

### 1. Tick (3) the correct answer :

- (a) all of these                      (b) fish market                      (c) all of these  
(d) weeds                              (e) hens and ducks

### 2. Fill in the blanks :

- (a) pasteurization                      (b) transported  
(c) pesticides                              (d) spices

### 3. Write true or false :

- (a) False                                      (b) True                                      (c) True  
(d) False                                      (e) True

**4. Match these correctly :**

- (a) foodgrains
- (b) eggs and chicken
- (c) flavour
- (d) largest producer of spices
- (e) help to grow plants

**5. Answer the following questions :**

- (a) A fisherman gets fish for us.
- (b) The farmer ploughs the field, disperses seeds, irrigates fields, adds fertilizers to the crop, removes weeds and uses pesticides to grow crops.
- (c) A Poultry farm takes care of hens and ducks. Their eggs are collected for sale in the market. Some hens are eaten as chicken.
- (d) A farmer uses fertilizer to help the seedlings grow.
- (e) When the crops are ripened, the farmer removes unwanted plants called weeds growing in the field.

**Chapter - 7 : Eating as a Growth**

**1. Tick (3) the correct answer :**

- (a) buffet style
- (b) culture
- (c) Gurudwara
- (d) Tamil Nadu

**2. Fill in the blanks :**

- (a) buffet
- (b) langar
- (c) devotees who
- (d) Mid-day meal

**3. Write true or false :**

- (a) False
- (b) True
- (c) False
- (d) True

**4. Match these correctly :**

- (a) Prepares food chart
- (b) Gurudwara
- (c) Firstly, adopted by Tamil Nadu
- (d) Non-government Organization

**5. Answer the following questions :**

- (a) The langar is served in Gurudwara.
- (b) The government of India began the mid-day meal scheme in the government schools. The government wanted to provide minimum of 300 calories of food to each child with 8-12 gms of proteins for 200 days in a year. This was done; after it was

observed that many poor children were not getting enough nutritious food.

- (c) Tamil Nadu began the mid-day meal scheme.
- (d) Community feasts are held during the celebrations of marriage, seminars, conference and langar. (e) Guru Nanak, the first Sikh Guru started a community kitchen system in the Gurudwaras. It is called langar.

### Chapter - 8 : Sources of Water

**1. Tick (3) the correct answer :**

- (a) rain (b) water
- (c) chlorination plant (d) all of these

**2. Fill in the blanks :**

- (a) Rain (b) Underground water
- (c) reservoir (d) Chlorine

**3. Write true or false :**

- (a) True (b) True
- (c) False (d) False

**4. Match the following :**

- (a) underground water (b) main source of water supply
- (c) natural open areas (d) large body of salt water

**5. Answer the following questions :**

- (a) The main sources of water are rain, river, underground water etc.
- (b) In the reservoir, the water river passes to a filtration plant where beds of sand and gravel remove more dirt and bacteria. The water finally goes through a chlorination plant where chlorine gas kills any remaining bacteria.
- (c) A tubewell is fitted with a filter to cleanse the underground water. The filter removes sand from water and the water we get is pure and drinkable.
- (d) We should use water from covered wells because it is free from dust and germs.
- (e) The water from the sea has salt the impurities that make it salty to taste.

### Chapter - 9 : Water Pollution

**1. Tick (3) the correct answer :**

- (a) ORS (b) Sea (c) The Ganga
- (d) The Indus or Sindhu (e) rivers



**2. Fill in the blanks :**

- (a) boiled (b) diarrhea  
(c) borne (d) avoid

**3. Write true or false :**

- (a) True (b) False (c) True  
(d) True (e) True

**4. Match these correctly :**

- (a) enters in Arunachal Pradesh  
(b) Indus Valley Civilization  
(c) diarrhoea  
(d) disease

**5. Answer the following questions :**

- (a) Waste and chemicals remains are called effluents.  
(b) Sea gets polluted by spilling oil from oil ships.  
(c) A person suffering from diarrhoea loses water from the body which must be replaced. The person suffering from diarrhea becomes weak due to lack of water in the body.  
(d) The Ganga is the longest and most important river of India. It is considered to be holy by the Hindus.  
(e) We can avoid water borne diseases by drinking boiled and filtered water, avoiding water from broken and damaged pipes and bathing animals in the rivers and camels and controlling water pollution.  
(f) Many creatures like fish, whale, cuttle fish, octopus and turtle make the sea their homes.  
(g) Oral Rehydration solution for the person to drink.
  - A glass of boiled and cooled water.
  - A pinch of salt.
  - A spoon of sugar.
  - A few lemon drops.

**Chapter - 10 : Parts of Plants**

**1. Tick (3) the correct answer :**

- (a) shoot (b) tap and fibrous root  
(c) tap roots (d) South America  
(e) all of these

**2. Fill in the blanks :**

- (a) shoot (b) stem

- (c) fencing
  - (d) underground
  - (e) soil erosion
- 3. Match these properly :**
- (a) stem
  - (b) root
  - (c) overgrazing
  - (d) over ground part of a plant
  - (e) underground part of a plant
- 4. Answer the following questions :**
- (a) The shoot and the root.
  - (b) A shoot comprises branches, buds, leaves, flowers and fruits.
  - (c) Underground part of a plant is root.
  - (d) Tap root and fibre root.
  - (e) Root Crops- are the crops grown for their roots or tubers (swollen underground stems). They include many vegetables and a few sweet plants root crops are good to eat as they contain large amounts of starch, an energy giving substances.
  - (f) A fibrous root system consists of numerous similar fine roots all growing from the base of the plant stem.

### Chapter - 11 : Beautiful Flowers

- 1. Tick (3) the correct answer :**
- (a) wild plants
  - (b) pistil
  - (c) stamen
  - (d) sepals
  - (e) nectar
- 2. Write true or false :**
- (a) True
  - (b) True
  - (c) True
  - (d) True
  - (e) False
- 3. Fill in the blanks :**
- (a) style
  - (b) carpels
  - (c) pollen
  - (d) nectar
  - (e) woody
- 4. Answer the following questions :**
- (a) Fruit producing part of a plant or tree is called a flower.
  - (b) Rose and marigold.
  - (c) Sepals together are called a calyx.
  - (d) When pollen falls on the ripe stigma, the flower is said to be pollinated. Fertilization of the ovules follows and seeds are formed.

- (e) The pistil of a flower its female parts.
- (f) Ways of conserving trees are as follows : -
  - Vanmahotsav, a festival that encourages people to plant tree must be popularized.
  - Planting of trees by individuals, groups and community will help in making our environment green. Afforestation is the need of the day.
  - Animals herders must be directed to stop overgrazing by animals.
  - Steps must be taken to avoid forest fires.

### **Chapter - 12 : Animal Homes**

- 1. Tick (3) the correct answer :**
  - (a) land
  - (b) land as well as in water
  - (c) nocturnal animal
  - (d) web
- 2. Write true or false :**
  - (a) False
  - (b) False
  - (c) True
  - (d) True
  - (e) False
- 3. Fill in the blanks :**
  - (a) Aquatic
  - (b) limbs
  - (c) trees
  - (d) aerial animals
  - (e) natural
- 4. Match the following :**
  - (a) (6)
  - (b) (1)
  - (c) 3)
  - (d) (5)
  - (e) (4)
  - (f) (2)
- 5. Answer the following questions :**
  - (a) A habitat is said to be the natural surrounding that serve as home for various plants and animals.
  - (b) Horse, elephant
  - (c) Frog, crocodile
  - (d) Sparrow, bat
  - (e) Fish, dolphin

### **Chapter - 13 : Animals World**

- 1. Tick (3) the correct answer :**
  - (a) herbivores
  - (b) other animals
  - (c) matriarch
  - (d) pod
  - (e) internal ears
- 2. Write true or false :**
  - (a) True
  - (b) False
  - (c) True

- (d) True                                      (e) True
3. **Fill in the blanks with the name of the group of animals :**
- (a) herd                                      (b) colony  
(c) pride                                      (d) pack  
(e) swarm
4. **Answer the following questions :**
- (a) Herbivores go in groups to pastures.  
(b) Carnivores move in groups to attack their preys and share their kill.  
(c) Animals like dog, cat, cow, horse, elephant etc have external ears.  
(d) Animals have internal ears like amphibians, reptiles, aquatic and birds.  
(e) For protecting themselves animals have different skin patterns on their bodies formed by hair. These patterns help them hide in their surroundings and be safe from enemies.

#### Chapter -14 : Animal Transport

1. **Tick (3) the correct answer :**
- (a) all of these                      (b) camel-cart                      (c) horse back  
(d) yak                                      (e) all of these
2. **Write true or false :**
- (a) True                                      (b) False                                      (c) True  
(d) True                                      (e) True
3. **Fill in the blanks :**
- (a) Bullock-carts                      (b) common                                      (c) forests  
(d) Yaks                                      (e) care
4. **Match the following :**
- (a) desert                                      (b) deep forests  
(c) battle fighting                      (d) hills  
(e) cold hills
5. **Answer the following questions :**
- (a) Bullock-carts are used in rural areas.  
(b) Camels are used in deserts because they can walk regular with little water.  
(c) Many royal processions had the king riding on elephant back. Even today on the Republic Day, winners the Bravery Award ride on elephants. Elephants are used in some grand modern

processions and religious temple processions.

- (d) Yaks and mules are used in cold hilly regions like Leh and Tibetan areas.
- (e) Donkeys have been constant hard working companions for many washermen. They load bundles of clothes on their backs. Even construction workers use donkeys to carry bricks.

### Chapter -15 : Houses-Old And New

**1. Tick (3) the correct answer :**

- (a) five rooms                      (b) all of these
- (c) kuchcha house                (d) slums
- (e) seventh floor

**2. Fill in the blanks :**

- (a) fifty                                (b) parents
- (c) brick                                (d) bio
- (e) canvas

**3. Match the following :**

- (a) straw and mud
- (b) bricks, iron and cement
- (c) Ali's cousin
- (d) dirty surroundings

**4. Answer the following questions :**

- (a) A Kuchcha house is made of mud, straw etc.
- (b) Bricks, iron, cement, wood etc are used to build a pucca house.
- (c) Most people in the slums are poor, without jobs and without food and education. The dirty environment causes the people to be ill and they suffer from malnutrition.

### Chapter - 16 : At Playtime

**1. Tick (3) the correct answer :**

- (a) gears                                (b) sports room
- (c) sports room                      (d) cricket
- (e) slums

**2. Write true or false :**

- (a) True                                (b) False
- (c) True                                (d) True

**3. Fill in the blanks :**

- (a) playground                      (b) sports teacher

- (c) indoor
- (d) break
- (e) personal

**4. Answer the following questions :**

- (a) Yes Sukhvindar is right in his views to play honestly.
- (b) No I shall not fight.
- (c) Yes let poor children to join in your games.
- (d) Cricket, kabaddi, etc.
- (e) Mr. Verma is my sports teacher.

**Chapter - 17 : Visiting the Fair**

**1. Tick (3) the correct answer :**

- (a) enjoy
- (b) ice-cream
- (c) tent
- (d) ice-candies
- (e) food stall

**2. Write true or false :**

- (a) False
- (b) True
- (c) True
- (d) False

**3. Match the following :**

- (a) death well
- (b) hoopla counter
- (c) shooting
- (d) rabbit from an empty box
- (e) walking on the thin ropes

**4. Answer the following questions :**

- (a) Yes, I have visited a fair.
- (b) I saw a giant wheel, sweet and toys shops, circus and death well in the fair.
- (c) Yes, giant wheel, death well, circus etc.
- (d) I went to an exhibition to spend time together with my family.

**Chapter - 18 : Skilled Workers**

**1. Tick (3) the correct answer :**

- (a) tailor
- (b) tailor
- (c) Akhtar Bhai Sherwaniwale
- (d) pot
- (e) all of these

**2. Match the following :**

- (a) embroiderer
- (b) tailor
- (c) carpenter
- (d) cobbler
- (e) motor-mechanic

**3. Write true or false :**

- (a) True
- (b) False
- (c) False

- (d) False                      (e) True

**4. Answer the following questions :**

- (a) An embroiderer uses strong, shiny threads and beads to embroider. A circular frame of wood holds the embroidered cloth area in place.  
(b) Rashid uses sewing machine.  
(c) Shambhu makes pots and vases.  
(d) A cobbler uses needle, hammer, nails and awl etc.  
(e) A Ustad is a teacher who teaches an art to his pupil/ pupils.

**Chapter - 19 : Pay And Travel**

**1. Tick (3) the correct answer :**

- (a) T.T.E                      (b) Rajdhani Express  
(c) bus                      (d) Reserve Bank of India  
(e) Numismatist

**2. Fill in the blanks :**

- (a) tickets                      (b) T.T.E                      (c) Bangaluru  
(d) Virindavan Garden    (e) Indian

**3. Write true or false :**

- (a) True                      (b) False                      (c) True  
(d) True                      (e) True

**4. Answer the following questions :**

- (a) Nishu, went to reserve rail tickets to the Railway Reservation Counter.  
(b) Yes, I have.  
(c) Yes, I have bought tickets for travel.  
(d) Money in Indian currency is called Rupees.  
(e) One hundred paise make a rupee.

**Chapter - 20 : The Neighbourhood Map**

**1. Tick (3) the correct answer :**

- (a) neighbours                      (b) atlas  
(c) two                      (d) red or black lines  
(e) small tufts of grass

**2. Write true or false :**

- (a) True                      (b) False  
(c) True                      (d) False  
(e) True

**3. Match the following :**

- (a) FIR of theft                      (b) currency  
(c) patients and doctors          (d) students and teachers  
(e) shops and customers

**4. Answer the following questions :**

- (a) Ali's house neighbourhood has many important services.
- Police Station                      • Fire station
  - Post Office                         • Market
  - Bank                                 • Hospital and school
- (b) A map is a representation of the land, complete with cities, mountains and lakes, roads and railways and many other features.
- (c) The scale of a map is often shown on a graduated line beside the map.
- (d) Small scale maps cannot show important but small features to scale, and so they employ symbols. Roads and railways are usually shown as red or black lines. Cities and towns are often marked as block, circles or dots, unless they are very large, in which case they are indicated by their boundaries.
- (e) Maps are of two types- Political maps and Physical map.
- (f) A book of maps is known as atlas.

**Chapter - 21 : First Aid**

**1. Tick (3) the correct answer :**

- (a) first aid                              (b) first aid box  
(c) insect bite                         (d) life

**2. Fill in the blanks :**

- (a) First aid                              (b) fainted  
(c) 24                                      (d) a paste of cold cream or baking soda

**3. Match the following :**

- (a) first help                              (b) cuts  
(c) first aid box                         (d) sting bite

**4. Answer the following questions :**

- (a) First aid is the immediate care given to an injured person.
- (b) A first-aid box contains items like cotton, antiseptic solution, bandages etc.
- (c) Minor cuts and wounds can be easily handled by:
- Washing your hand with soap and water.



- Cleaning the wound with a cotton and antiseptic solution.
  - Using an ice-pack to stop bleeding.
  - Putting a band-aid if the cut is small.
- (d) We should do in case of an insect bite :-
- First remove the sting.
  - Apply some lime water and ammonia on the wound to neutralize the effect of the sting.
  - You can also apply a paste of cold cream and baking soda.
- (e) When a person faints, we should do the following :-
- Make him lie down with his legs raised up to his body.
  - Loosen his/ her clothes.
  - Do not make a crowd near the fainted person, and let the fresh air reach him.
  - Inform the doctor immediately.

## Chapter - 22 : Garbage

**1. Tick (3) the correct answer :**

- (a) all of these                      (b) all of these  
 (c) animal dung                      (d) all of these  
 (e) recycling

**2. Write true or false :**

- (a) True                                  (b) False                                  (c) True  
 (d) False                                  (e) True

**3. Fill in the blanks :**

- (a) dust  
 (b) Plant and animal  
 (c) Water pollution, land pollution and air pollution  
 (d) manure  
 (e) recycled

**4. Answer the following questions :**

- (a) Stained tea leaves, vegetable peels.  
 (b) Torn papers, gum bottles.  
 (c) Plaster strips, used bandages.  
 (d) Biodegradable wastes are wastes that can decompose easily and in less time. Plant and animal wastes like dead leaves and animal wastes like animal dung are biodegradable wastes.  
 (e) Organic waste, toxic waste and recycle waste.  
 (f) refuse, reduce, reuse, recycle.

## Chapter - 23 : Bricks And Bridges

### 1. Tick (3) the correct answer :

- (a) clay and straw      (b) kiln  
(c) air pollution      (d) beam bridge  
(e) all of these

### 2. Write true or false :

- (a) True      (b) True      (c) False  
(d) False      (e) False

### 3. Match the following :

- (a) is not supported evenly along its length  
(b) Golden Gate Bridge  
(c) the simplest and oldest kind of bridge.  
(d) are made of iron, steel, wood etc.

### 4. Recognize these bridges and write their names :

- (a) Hawra Bridge Kolkata  
(b) Lukshmana Jhula Rishikesh  
(c) Gandhi Setu Patna  
(d) London Bridge

### 5. Answer the following questions :

- (a) The earliest bricks were made of clay and straw.  
(b) The bricks were baked in the Kiln.  
(c) Clay is used to make modern bricks.  
(d) A brick Kiln has temperature from 10°C to 1000°C.  
(e) Harmful effects caused by brick industry:-
- Brick making industries need a large amount of clay. Thus a large part of land gets destroyed by this industry.
  - They also release a vast amount of smoke and cause air pollution.
  - In some brick making industries, firewood is used to provide heat to the kiln. Thus, a large number of trees are cut for this people.

## World Around Us - 5

### Chapter - 1 : Relationship

**1. Tick (3) the correct answer :**

- (a) Singapore
- (b) Diwali
- (c) They had more job opportunities in the urban areas.
- (d) another country
- (e) educated, employed woman

**2. Write true or false :**

- (a) True
- (b) False
- (c) True
- (d) False

**3. Fill in the blanks :**

- (a) suffered
- (b) Industrilization
- (c) children
- (d) sized
- (e) Nuclear

**4. Answer the following questions :**

- (a) Manavi aunt lives in Singapore.
- (b) Anil met his cousin Prachi only once when he was three years old and Prachi had been five years old.
- (c) There are three main reasons for the breaking up of joint families and emergence of nuclear family. These are follows:
  - Large sized families (that become unmanageable)
  - Educated, employed, independent women.
  - Industrialization
- (d) No, I have no relatives living in another country.

### Chapter - 2 Our Likes

**1. Tick (3) the correct answer :**

- (a) five sense organs
- (b) tongue
- (c) indipop and film songs
- (d) vegetarian

**2. Write true or false :**

- (a) True
- (b) True
- (c) False
- (d) False

**3. Fill in the blanks :**

- (a) part
- (b) parents
- (c) hot
- (d) Indian
- (e) calm

**4. Complete the following :**

- (a) sweet things.
- (b) for bright coloured floral print dresses.
- (c) pastel shades in colours of clothes.
- (d) listening to Indipop songs and film songs.

**5. Answer the following questions :**

- (a) The five sense organs help us to learn from experience.
- (b) some experiences we like and others we dislike and they become a part of our habits.
- (c) I like old Indian Classic music.
- (d) I dislike the smell of rotten eggs.

**Chapter - 3 : All Are Unique**

**1. Tick (3) the correct answer :**

- (a) unique
- (b) cousins
- (c) pickles
- (d) jolly persons
- (e) great artist

**2. Write true or false :**

- (a) True
- (b) False
- (c) True
- (d) False
- (e) False

**3. Fill in the blanks :**

- (a) big
- (b) silvery
- (c) Rohan
- (d) pickles
- (e) grandfather and father

**4. Match these properly :**

- (a) professional ornament designer
- (b) artist
- (c) dancer
- (d) football player
- (e) great footballer

**5. Answer the following questions :**

- (a) I live in a joint family.
- (b) There are nine members my family.
- (c) Do yourself
- (d) I am a calm and sincere man.
- (e) I would like to be a person of calm and silent nature.

## Chapter - 4 : Shifting Around

**1. Tick (3) the correct answer :**

- (a) Rampur village      (b) stream  
(c) lack of water      (d) tents  
(e) dhaba

**2. Write true or false :**

- (a) True      (b) False      (c) True  
(d) True      (e) True

**3. Fill in the blanks :**

- (a) land      (b) water      (c) squalor  
(d) Radhey      (e) Village

**4. Match these properly :**

- (a) natural disaster  
(b) market  
(c) small river  
(d) temporary house made of canvas  
(e) a shop that provides food

**5. Answer the following questions :**

- (a) Radhey lived in a village named Rampur.  
(b) Radhey got water for his field from a stream.  
(c) The stream ran dry under the heat of the scorching sun.  
(d) The bullock died soon due to lack of water.  
(e) Radhey left the village to find a job for the survival of his family.

## Chapter - 5 : Reading by Feelings

**1. Tick (3) the correct answer :**

- (a) blind and deaf  
(b) companion and teacher of Helen Keller  
(c) all of these  
(d) French man  
(e) Sign language

**2. Write true or false :**

- (a) True      (b) False      (c) False  
(d) True      (e) False

**3. Fill in the blanks :**

- (a) blind      (b) Braille      (c) pattern  
(d) sign

**4. Answer the following questions :**

- (a) People tacking some physical activities are called people with special needs.
- (b) People with special needs should be treated with love, care and help.
- (c) Helen Keller was deaf and blind lady.
- (d) Anne Sullivan helped Helen Keller to learn, read and write.
- (e) Braille is a method of writing that blind people can understand. Each Braille character contains up to six dots in a pattern.
- (f) Deaf and dumb people use sign language.
- (g) All we need to give them is some time. Even spending our time with them by playing, reading or sharing jokes can make them very happy.

**Chapter - 6 : Games**

**1. Tick (3) the correct answer :**

- (a) team spirit
- (b) all of these
- (c) cricket
- (d) all of these

**2. Fill in the blanks :**

- (a) Lack in
- (b) akhara
- (c) spirit
- (d) batsman

**3. Write true or false :**

- (a) True
- (b) False
- (c) True
- (d) True

**4. Match these properly :**

- (a) Cricket player
- (b) won World cup 1983
- (c) won 20-20 World cup 2007
- (d) Football player

**5. Answer the following questions :**

- (a) Team spirit is important to win the game.
- (b) A team captain must possess leadership qualities.
- (c) Vasma Kalani, Kittu Virisai.
- (d) Football, Hockey, Cricket.
- (e) India won the ICC Cricket 20-20 World Cup in 2007.

## Chapter - 7 : Plant World

**1. Tick (3) the correct answer :**

- (a) leaves                      (b) wind                      (c) water

**2. Fill in the blanks :**

- (a) stem                                      (b) Bryophyllum  
(c) vegetative reproduction              (d) Layering in plants

**3. Write true or false :**

- (a) True                                      (b) False  
(c) True                                      (d) True

**4. Match these properly :**

- (a) water                                      (b) wind  
(c) seeds                                      (d) layering

**5. Answer the following questions :**

- (a) Potato, onion, ginger.  
(b) Some plants grow out of parts of the parent's plant. This is termed as vegetative propagation.  
(c) New plants grow from the edge of the leaves of bryophyllum.  
(d) Sweet potato, asparagus, orchid.

## Chapter - 8 : Agriculture

**1. Tick (3) the correct answer :**

- (a) tractor                                      (b) fibre crop  
(c) farmers                                      (d) soil erosion

**2. Fill in the blanks :**

- (a) cereal                                      (b) Sugarcane  
(c) tobacco                                      (d) Tractor

**3. Write true or false :**

- (a) True                                      (b) True  
(c) True                                      (d) False

**4. Match these properly :**

- (a) dung and vegetarian wastes  
(b) chemical mixture  
(c) tropical areas  
(d) fibre crop

**5. Answer the following questions :**

- (a) Growing different crops on the same land from year to year is called rotation of crops.  
(b) Man cut down areas of forest to gain farmland.

- (c) In the last two centuries, application of scientific techniques to farming has reduced the farmers labour and increased his gains.
  - (d) Farmer grow many kinds of crop both as food and to provide some raw materials from which useful products can be made. The most important food crops are the cereal crops-rice, wheat, maize, etc.
  - (e) Tractor is used for ploughing, cultivating the land and sowing seeds.
  - (f) Fibre crops, such as cotton and flax, are used to make such products; as : cloth, carpet, rope and paper.
- 6. Write short note on the following :**
- (a) **Tractor** : Tractor is the main farming machinery. It pulls many kinds of implements on land to prepare it for seeds, to plant the seeds, and to help to cultivate and harvest the crops. The tractor has replaced the horse and ox in many farming nations.
  - (b) **Seed drills** : place the seeds in rows in the soil and can also add fertilizers to help the crop grow. Some planting machines spray out seeds, such as grass seeds over a wide area.
  - (c) **Harrows** : are pulled by tractor to break the soil for planting seeds.

### Chapter - 9 : Life in Forests

- 1. Tick (3) the correct answer :**
- (a) deforestation
  - (b) trees
  - (c) oxygen
  - (d) forest areas
- 2. Fill in the blanks :**
- (a) Oxygen
  - (b) Water cycle
  - (c) inhabit
  - (d) resin
- 3. Write true or false :**
- (a) True
  - (b) True
  - (c) True
  - (d) False
- 4. Match these properly :**
- (a) prevents soil erosion
  - (b) commercial gains
  - (c) handicraft goods
  - (d) soaps
- 5. Answer the following questions :**
- (a) Tribals gain wood, resin, gum, honey, leaves etc from the forests.
  - (b) Forests are large tracts of land covered by large number of trees.
  - (c) The use of knowledge of medicinal herbs is that we use them



for using various diseases.

- (d) Our agricultural, buildings and food gathering systems all depend on the forests. As there are less number of forests, wild animals are in search of fodder are forced to leave the forest hunting. Moreover tribals have no honey or fruits to feed on. The animals have lost their habitats so there are no animals for the tribals to hunt. The natural water cycle has been distributed due to lack of trees. There is less rain and thus less rainfall. This in turn is causing soil erosion.

### Chapter - 10 : We Need Animals

**1. Tick (3) the correct answer :**

- (a) both (i) and (ii)
- (b) eggs and meat
- (c) all of these
- (d) been

**2. Fill in the blanks :**

- (a) mangoose
- (b) He
- (c) zoo
- (d) scientists

**3. Write true or false :**

- (a) True
- (b) True
- (c) False
- (d) True

**4. Match these properly :**

- (a) milk
- (b) circus
- (c) zoo
- (d) sways

**5. Answer the following questions :**

- (a) Tiger, lion, elephant parrot, bears etc.
- (b) Animals are used in the fields to plough and sow seeds.
- (c) Early man killed animals for his food and clothes.
- (d) Early man stopped animals when he became a farmer.
- (e) Some people catch snake to earn a living. They are often called if snake are found in residential areas.

Snake charmers blow on a been to make the snake 'sway' to the tune. People grow excited at this and give money for the act.

- (f) Lion, tigers, elephants, zebras, giraffes, wolves, foxes, alligators, rhinoceros, hippopotamuses, crocodiles, snakes, monkeys, chimpanzees, wild fowls, peacocks and ostriches are kept in the zoo.
- (g) Many scientists treat animals with cruelty for tests.

## Chapter - 11 : Food For Plants And Animals

### 1. Tick (3) the correct answer :

- (a) photosynthesis                      (b) green colouring matter  
(c) oxygen                                (d) nitrogen  
(e) insectivorous plant

### 2. Write true or false :

- (a) False                                    (b) True                                    (c) True  
(d) True                                    (e) False

### 3. Fill in the blanks :

- (a) chlorophyll                          (b) Bladderwort  
(c) pitcher plant                        (d) flesh-eating  
(e) parasites

### 4. Match these properly :

- (a) tiny, reddish bog plant            (b) underwater plant  
(c) tropical species                    (d) carnivore  
(e) herbivore                            (f) parasite

### 5. Answer the following questions :

- (a) Photosynthesis is the process by which all green plants produce food for themselves. It is the process by which cells in green plants produce sugar by using energy derived from the sun.
- (b) The raw materials for photosynthesis are carbon dioxide and water, chlorophyll and the primary regions of sugar (food), production are the cells in the leaves.
- (c) Many plants derive their food from insects. They are called insectivorous plants. These plants grow mainly in soil poor in nitrogen. They have evolved various methods of trapping insects and digesting their bodies to obtain nitrogen.
- (d) According to the food habits of various animals they are grouped into following four kinds:
- Carnivores are flesh-eating animals.
  - Omnivores are animals which are both flesh-eaters and plant-eaters.
  - Parasites are creatures that depend on other animals for their survival.
- (e) The food chain always begins with food producers i.e. the green plants. The primary consumers i.e. plant-eaters are second components of the food chain. Then the secondary consumers come in form of carnivores i.e. flesh-eaters who feed on herbivores i.e. plant-eaters.

## Chapter - 12 : Life In Water

**1. Tick (3) the correct answer :**

- (a) hydrophytes                      (b) ponds                      (c) hornwort  
(d) unwanted plants              (e) gills

**2. Write true or false :**

- (a) True                                  (b) True                                  (c) True  
(d) False                                (e) True

**3. Fill in the blanks :**

- (a) waterlily                          (b) Crowfoot                          (c) aquatic  
(d) spread                              (e) swimmer

**4. Match these properly :**

- (a) Duckweed                          (b) Lotus  
(c) Tape grass                        (d) Dolphin

**5. Answer the following questions :**

- (a) Terrestrial animals are those that live on the land.  
(b) Aquatic animals are those that live in the water.  
(c) Snail, crab, fish, dolphin, whale.  
(d) Weeds are unwanted plants and harmful grown in gardens wind farms where they complete their life with crops.

## Chapter - 13 : How Animals Communicate

**1. Tick (3) the correct answer :**

- (a) dogs                                      (b) signals  
(c) detecting criminals              (d) dances

**2. Fill in the blanks :**

- (a) Bats                                      (b) Bleeding  
(c) Communication                    (d) Owl

**3. Write true or false :**

- (a) False                                      (b) False  
(c) True                                        (d) True

**4. Match these properly :**

- (a) poor eye sight                      (b) sharp sense of smell  
(c) detectors                              (d) large eyes

**5. Answer the following questions :**

- (a) Smell sense of dogs is very keen.  
(b) Bat can fly in pitch darkness finding their way with a kind of echo sounding system so accurate that they can use it to catch insects in flight.

- (c) Animals communicate through signals.
- (d) Eyes of owl are very large. The size of the retina is further increased by an appendage called the pecten, situated in the middle of the eyeballs. This equipped the eye is able to register the faintest light rays, a necessity for birds that hunt during the night.
- (e) A bee tells others about the location of food through dance.
- (d) Sense of picking up the vibrations of the bleeding source shark helps it to detect food.

### **Chapter - 14 : Spoilt Food**

**1. Tick (✓) the correct answer :**

- (a) refrigerator
- (b) not fit to eat
- (c) Louis Pasteur
- (d) drying method
- (e) drying

**2. Match the following :**

- (a) Pasteurization
- (b) mango, lemon
- (c) drying
- (d) cold drinks
- (e) Jams and jellies

**3. Write true or false :**

- (a) True
- (b) False
- (c) True
- (d) False
- (e) True

**4. Fill in the blanks :**

- (a) spoilt
- (b) spoilage
- (c) pasteurization
- (d) pickling
- (e) papad

**5. Answer the following questions :**

- (a) Food gets spoilt when germs act on it. Germs mostly multiply in warm places.
- (b) Heat preserves food by drying it in the sun.
- (c) Pasteurization is the process by which milk is first heated and then cooled down to kill all the germs in it.
- (d) Food is pickled to prevent spoilage of it.
- (e) Drying method of food preservation in which water is removed. Dates, raisins, figs and prunes are preserved in this way. Papad is also dried in the sun. Many grains are dried in the sun before storage.

## Chapter - 15 : Famine and Diseases

**1. Tick (3) the correct answer :**

- (a) all of these                      (b) Vitamic C                      (c) Marasmus  
(d) D                                      (e) Anaemia

**2. Write true or false :**

- (a) True                                      (b) True                                      (c) False  
(d) True                                      (e) True

**3. Match these properly :**

- (a) Vitamin A                              (b) Vitamin D  
(c) Vitamin C                              (d) Vitamin B  
(e) lack of iron                              (f) lack of iodine

**4. Answer the following questions :**

- (a) Famine is a situation when there is extreme shortage of food and people do not get enough to eat.  
(b) Deficiency diseases are caused when a person does not receive all nutrients required for a healthy food.  
(c) Deficiency diseases can be prevented by eating protein rich diet including fish, chicken, meat, egg, soyabean, groundnut, wheat.  
(d) Night blindness, rickets, scurvy, beri-beri are caused by vitamin deficiency.

## Chapter - 16 : Digestion And Glucose

**1. Tick (3) the correct answer :**

- (a) diarrhoea                              (b) starch                              (c) stomach  
(d) pancreas                              (e) glucose

**2. Match these properly :**

- (a) liver                                      (b) mouth  
(c) stomach                              (d) pancreas

**3. Write true or false :**

- (a) True                                      (b) False                                      (c) False  
(d) False                                      (e) True

**4. Answer the following questions :**

- (a) Nishu is suffering from diarrhoea.  
(b) The food tastes sweet because the saliva in our mouth helps to change the starch into glucose.  
(c) Saliva is a fluid found in the mouth which changes the starch into glucose.  
(d) An enzyme is one type of protein.  
(e) Starch gives us energy.

- (f) The liver of human produces bitter fluid bile, stored in the gall bladder. The bile juice is helpful to digest the fat of our food. The pancreas produces pancreatic juice contains protease and amylase which help to digest fats and fatty acids.
- (g) Stomach of human body releases gastric juice which kills microbes and digests proteins.

### Chapter - 17 : Water Around Us

**1. Tick (3) the correct answer :**

- (a) precious resource                      (b) saline
- (c) free of cost                              (d) Khari Baoli
- (e) water reservoir

**2. Write true or false :**

- (a) True    (b) False
- (c) True    (d) True

**3. Fill in the blanks :**

- (a) duty    (b) desert
- (c) water    (d) baolis

**4. Match these properly :**

- (a) precious resource                      (b) step well
- (c) Delhi    (d) free of cost

**5. Answer the following questions :**

- (a) We should turn off the tap when not required to save water.
- (b) Many years ago, when I had just married your grandmother. There was neither water supply nor well, tank or river in our village. Your grandmother walked many miles to the next village to get some water from the wells there.
- (c) Baol means step well with saline water.
- (d) Baolis served as water reservoirs in accident times. People would gather at the baolis to collect water, to seat themselves in the cool environs and to even meet for social functions.
- (e) Pias which were set up on roadways between villages and towns for travellers and traders. They were places where thirsty travellers could stop for a cool thirst quenching drink. Today, many roadways to pilgrim spots have pias. The water provided for drinking is free.

### Chapter - 18 : Irrigation

**1. Tick (3) the correct answer :**

- (a) crops    (b) deep holes

- (c) water energy                      (d) underground water  
(e) desert areas
- 2. Write true or false :**
- (a) False                                  (b) True                                  (c) True  
(d) False                                  (e) True
- 3. Fill in the blanks :**
- (a) rain                                      (b) wells                                  (c) electricity  
(d) harmful                              (e) overshot
- 4. Match these properly :**
- (a) carry water from river  
(b) deep holes  
(c) underground water  
(d) desert areas  
(e) narrow plastic tube
- 5. Answer the following questions :**
- (a) Irrigation is the artificial watering of crops.  
(b) The source of irrigations is wells, canals, tubewells, tanks etc.  
(c) Drip or trickle irrigation is used in the areas where a measure amount of moisture is lost due to evaporation.  
(d) Sprinkler irrigation is used for large fields where each sprinkler sprays droplets of water in circular motion. This aids the water to reach the far corners of the fields and deep underroot in desert areas.  
(e) The overshot water wheels use bucket shape paddles to catch falling water. The weight of the water runs the wheel faster. The undershot wheels are moved due to the water flow that pushes against the flat paddles sticking out from the wheel.

### Chapter - 19 : A Shelter for Everyone

- 1. Tick (3) the correct answer :**
- (a) houseboat                              (b) Meghalaya  
(c) Stilts                                      (d) Uttarakhand
- 2. Write true or false :**
- (a) True                                        (b) True  
(c) False                                      (d) False
- 3. Fill in the blanks :**
- (a) Dal                                         (b) Tony  
(c) Stilt                                        (d) Fisherman

**4. Match these properly :**

- (a) metropolitan city
- (b) Multi –storey building
- (c) small boat
- (d) people living in Greenland

**5. Answer the following questions :**

- (a) Following factors affect the type of houses around us:-
  - Climate – hot, cold, dry, rainy, snowy
  - Economic status – rich, poor
  - Regional preference – large, small
  - Building material available – bricks, wood, mud, stone
- (b) In Meghalaya houses have sloping and curved roofs.
- (c) In this hilly region, the houses are built of light wood so when an earthquake strikes there is not much loss of lives and property due to collapse of heavy houses.
- (d) Temporary houses are built in coastal area because floods affect these areas every year.

**Chapter - 20 : Substances Around Us**

**1. Tick (3) the correct answer :**

- (a) all of these
- (b) litres
- (c) indefinite
- (d) 1000 millilitres
- (e) dissolved oxygen in water

**2. Match these properly :**

- (a) sugar + water+ salt+ lemon
- (b) floats on water
- (c) liquid
- (d) carbon dioxide
- (e) contains gas

**3. Write true or false :**

- (a) True
- (b) False
- (c) True
- (d) True
- (e) False

**4. Answer the following questions :**

- (a) Sugar, salt, sulphur
- (b) Wood, rubber
- (c) Stone, iron rod
- (d) Carbon dioxide
- (e) Oxygen



## Chapter - 21 : Mosquitoes

- 1. Tick (3) the correct answer :**
  - (a) fly
  - (b) female mosquito (anopheles)
  - (c) on the surface of logging water
  - (d) all of these
  - (e) protozoan
- 2. Write true or false :**

(a) True	(b) False	(c) True
(d) True	(b) True	
- 3. Fill in the blanks :**

(a) female	(b) controlled	(c) parasite
(d) quinine	(e) surroundings	
- 4. Answer the following questions :**
  - (a) Mosquito is a member of the fly family.
  - (b) A mosquito spreads malaria, dengue and yellow fever.
  - (c) Female mosquitoes carry parasites to cause malaria.
  - (d) Malaria is a type of fever.
  - (e) Mosquitoes can be stopped from breeding by taking the following steps:
    - Do not let water collect in coolers, pits and puddles in your neighbourhood.
    - Sprinkle kerosene or DDT in pools of water to stop breeding of mosquitoes.
    - Keep your surroundings clean.
    - Dispose the house waste in covered bins.
    - Empty water from storage cans, tins every week.
  - (f) Mosquitoes can be stopped from breeding by taking above steps in your neighbourhood.
  - (g) A person suffering from malaria becomes extremely weak and has high fever and bouts of sweating and chills and shivering.

## Chapter - 22 : Bees And Ants

- 1. Tick (3) the correct answer :**

(a) group	(b) honey and beeswax
(c) queen bee	(d) drones
(e) ants	

**2. Write true or false :**

- (a) False (b) True (c) True  
(d) True (e) True

**3. Match these properly :**

- (a) bees (b) lay eggs  
(c) mate with the queens (d) repair damage nests  
(e) spray an acid

**4. Fill in the blanks :**

- (a) social (b) workers  
(c) workers bees (d) sting

**5. Answer the following questions :**

- (a) Bees, ants, termites  
(b) A queen bee heads the colony. It only lays eggs in the cells of the honeycomb.  
(c) Their only job is to mate with the young queens. Drones do not live very long.  
(d) After mating, the queen ant loses its wings as she settles down to start her nest.

**Chapter - 23 : Times of Emergencies**

**1. Tick (3) the correct answer :**

- (a) all of these (b) all of these  
(c) natural disaster (d) all of these  
(e) both (i) and (ii)

**2. Match these properly :**

- (a) mountains (b) rivers  
(c) lack of rains (d) helps in rescue missions  
(e) electronic and print

**3. Write true or false :**

- (a) False (b) True  
(c) True (d) False

**4. Fill in the blanks :**

- (a) cause (b) Even te general public volunteers  
(c) police, fireman and doctors  
(d) helicopters (e) agencies

**5. Answer the following questions :**

- (a) A disaster is a term used for major accidents causing great loss of life and property.

- (b) Examples of natural disasters are: Landslide, earthquake, flood, cyclone, and drought
- (c) Examples of man made disasters are Famine, forest, fire, war, and chemical
- (d) Air Force helps in rescue missions. Air force uses helicopters to drop food packets, clothes and medicine packs in disaster hit areas.
- (e) Communities are the first to respond when immediate arrangements are required for food, shelter, clothes and medical care.

### Chapter - 24 : The Mountaineers

**1. Tick (3) the correct answer :**

- (a) Protective clothing
- (b) Mt. Everest
- (c) 1953
- (d) all of these

**2. Fill in the blanks :**

- (a) Crampons
- (b) altitudes
- (c) Bachhendri Pal
- (d) Mountaineering

**3. Write true or false :**

- (a) True
- (b) True
- (c) True
- (d) True

**4. Answer the following questions :**

- (a) Sir Edmund Hillary and Tenzing Norgay were the first to climb Mt. Everest.
- (b) Ropes, tie the member of the party to one another so that if someone slips the other breaks his fall. Ropes also help to climb up overhanging rocks and for coming down slopes quickly.
- (c) Bachhendari Pal was the first Indian to climb Mt. Everest.
- (d) At times of snow, a long handled ice axe is a standard equipment. This is used for sounding (testing) the ice, for cutting steps into it, and for balance.
- (e) Climbers carry a small oxygen cylinder for breathing. Even so they must go very slowly. Because high and difficult peaks take weeks or even months to ascend. Expeditions set up base camp along the route, from which supplies are taken.

### Chapter - 25 : From a Spacecraft

**1. Tick (3) the correct answer :**

- (a) sun
- (b) water on it

- (c) blue planet                      (d) Ursa major
- 2. Fill in the blanks :**
- (a) 88                                      (b) Shooting stars  
 (c) Ursha Major                      (d) blue
- 3. Write true or false :**
- (a) False                                  (b) False                                  (c) False  
 (d) False                                  (e) False
- 4. Match these properly :**
- (a) Soyuz T-11                      (b) Coloumbia Shuttle  
 (c) Discovery Shuttle              (d) returned to land in June 2007
- 5. Answer the following questions :**
- (a) Many stars seem to group together and have a definite shape or pattern. Which are known as constellation?  
 (b) Ursha major, Orian  
 (c) The earth appears as a bright blue jewel. The blue colour of the earth is due to the presence of water on it.  
 (d) After rigorous training he was thought fit to go into space with Soviet cosmonauts in spacecraft called Soyuz T-11. He achieved this feat on 2nd April 1984.  
 (e) Shooting stars are often visible on dark nights. They appear as they have broken and are falling on the earth. Actually, they are meteors.

### Chapter - 26 : Our Wild Heritage

- 1. Tick (3) the correct answer :**
- (a) extinct                                      (b) all of these  
 (c) horns    (d) wildlife sanctuaries
- 2. Fill in the blanks :**
- (a) wildlife sanctuaries                      (b) gift  
 (c) rugs, wall hangings and clothings      (d) ingredient
- 3. Write true or false :**
- (a) True    (b) True  
 (c) True    (d) True
- 4. Match these properly :**
- (a) skin and bones                              (b) tusks  
 (c) national park                                (d) bird sanctuary
- 5. Answer the following questions :**
- (a) Hunting is killing wild animals.

- (b) Poaching is hunting animals for flesh, bones, skin and teeth for fun and earn money.
- (c) The rampant deforestation has caused loss of habitats and birds destroying living places of wild animals are called habitat loss.
- (d) Governments in many countries as in India have taken steps to protect wildlife. The Indian government has set up wildlife sanctuaries like Sariska, Bharatpur and Bandipur.

### Chapter - 27 : Pollution

**1. Tick (3) the correct answer :**

- (a) pollution
- (b) water pollution
- (c) noise pollution
- (d) 3

**2. Fill in the blanks :**

- (a) smoke
- (b) health problems like headache, dizziness, skin allergies.
- (c) deforestation
- (d) deaf

**3. Write true or false :**

- (a) False
- (b) False
- (c) True
- (d) True

**4. Match these properly :**

- (a) high blood pressure
- (b) typhoid
- (c) breathing problems
- (d) emission of harmful substances

**5. Answer the following questions :**

- (a) The condition in which harmful chemicals, gases and products are released into the atmosphere is called pollution.
- (b) Addition of harmful substances into the water bodies is known as water pollution.
- (c) Causes of water pollution:-
  - These days various chemicals are used in agricultural practices to obtain a good yield of crops. When it rains these chemicals are washed away and are carried through water into the water bodies.
  - Dumping of plastic bags and other plastic material into the water bodies cause the water pollution.
  - Bathing of cattle in the water bodies also leads to water pollution.
  - These days chemical waste from the factories are directly dumped into the rivers, lakes and ponds which results in water pollution.

Effects of water pollution:-

- Aquatic plants and animals die due to water pollution.
  - Many harmful diseases such as typhoid, cholera and jaundice occur due to polluted water.
- (c) Emission of poisonous gases into the atmosphere is called air pollution.

***Causes of air pollution :***

- Cutting down the trees is known as deforestation. It is main reason for air pollution.
  - Emission of harmful smoke from the vehicles is very dangerous. Smoke is rich in sulphur-dioxide gas. This gas may lead to various health issues.
  - Burning the non-biodegradable waste also results in air pollution.
  - Harmful gases that are released from factories pollute the air.
- (d) Emitting loud noise, unpleasant noise in the atmosphere is called sound pollution. It is also known as noise pollution.

***Causes of sound pollution :***

- When we blow horns unnecessarily, it causes noise pollution.
- Use of speakers at a high pitch results in the noise pollution.
- Many old machines in the factories produce a lot of noise while working which also leads to noise pollution.