

The New World

(Teacher Manual) Class-0 to 5



THE NEW WORLD-0

1. About Myself

- A. Do yourself.
- B. Do yourself.

2. My Body

- A. 1. black 2. mouth 3. ears 4. two
- B. 1. t 2. f 3. t 4. f
- C. 1. legs 2. two 3. five 4. nose
- D. 1. b 2. d 3. a 4. c

3. Our Sense Organs

- A. 1. eyes 2. nose 3. skin 4. two
- B. 1. t 2. f 3. t 4. t
- C. 1. b 2. d 3. e 4. c 5. a

4. My Family

- A. 1. small family 2. parents 3. joint family 4. grandparents
- B. 1. love 2. parents 3. house 4. brother
- C. 1. t 2. f 3. t 4. t 5. f
- D. 1. b 2. c 3. a
- E. Do yourself.

5. My Home

- A. 1. house 2. happy 3. dining room 4. bedroom
- B. 1. t 2. t 3. f 4. f
- C. 1. sleeping 2. eating 3. studying 4. bathing 5. cooking 6. dressing

6. Our Food

- A. 1. afternoon 2. first meal 3. morning 4. night
- B. 1. energy 2. live, grow 3. three 4. afternoon
- C. Do yourself.

7. Clothes

- A. 1. winter 2. rainy season 3. clean 4. smart
- B. 1. t 2. f 3. t 4. f
- C. 1. summer 2. winter 3. rainy 4. winter 5. rainy 6. summer 7. winter 8. rainy

8. Our School

- A. 1. love 2. classroom 3. playground

- 4. assembly hall
- B. 1. learn, grow 2. school 3. playground 4. classroom
- C. Do yourself.

9. Our Neighbourhood

- A. 1. school 2. park 3. market 4. safe
- B. 1. d 2. c 3. b 4. a
- C. 1. school 2. hospital 3. police station 4. post office 5. park

10. People Who Help Us

- A. 1. postman 2. teacher 3. gardener 4. policeman
- B. 1. teaches 2. haircut 3. sick 4. letters
- C. GARDENER, POSTMAN, BARBER, TEACHER, DOCTOR

11. Places of Worship

- A. 1. temple 2. mosque 3. church 4. gurudwara
- B. 1. f 2. t 3. f 4. t
- C. 1. holy 2. gurudwara 3. God 4. Muslims
- D. 1. temple 2. church 3. mosque 4. gurudwara

12. Our Festivals

- A. 1. Hindus 2. Christians 3. 25th December 4. gurudwara
- B. 1. family 2. Hindus 3. Eid Mubarak 4. Guru Nanak Sahib
- C. Do yourself.

13. The Seasons

- A. 1. three 2. hot 3. rainy 4. cold
- B. 1. t 2. f 3. t 4. f
- C. 1. c 2. a 3. b
- D. 1. summer 2. rainy 3. winter

14. Plants

- A. 1. fresh 2. plants 3. vegetables 4. wood
- B. 1. big, small 2. food 3. plants 4. wood
- C. Do yourself.

15. Animals

- A. 1. useful 2. Buffaloes 3. Horses 4. Wild

- B. 1. t 2. f 3. t 4. t
C. Do yourself.

16. Birds and Insects

- A. 1. two 2. penguin 3. six 4. spider
B. 1. sky 2. two 3. penguin 4. insects
C. 1. penguin 2. pigeon 3. parrot
4. butterfly 5. mosquito 6. owl 7. crow
8. cockroach

17. Good Habits

- A. 1. good 2. good 3. morning 4. truth
B. 1. t 2. f 3. t 4. f
C. 1. obey 2. help 3. habits 4. Good
D. Do yourself.

18. How We Travel

- A. 1. land 2. bus 3. boat 4. air
B. 1. place, another 2. land 3. water 4. air
C. Do yourself.

19. Living and Non-Living Things

- A. 1. Living 2. Plants 3. Non-living 4. can
B. 1. t 2. f 3. t 4. f
C. Do yourself.

20. Animals' Young Ones

- A. 1. cub 2. cow 3. pup 4. sheep
B. 1. names 2. calf 3. foal 4. lamb
C. 1. b 2. a 3. d 4. c

21. The Sky

- A. 1. blue 2. heat 3. night 4. Black
B. 1. t 2. f 3. f 4. t
C. 1. The sun 2. Clouds 3. Stars
4. Rainbow

THE NEW WORLD-1

1. About Myself

- A. Do yourself.
B. Do yourself.

2. Our Body

- A. 1. c 2. c 3. b 4. a
B. 1. Yes 2. No 3. No 4. Yes 5. Yes
C. 1. b 2. c 3. d 4. a

Hots Questions: 1. No 2. Skin

3. Our Clothes

- A. 1. a 2. a 3. c 4. b 5. a
B. 1. cover 2. smart 3. cool 4. winter
5. school
C. 1. Yes 2. Yes 3. No 4. Yes 5. No
D. 1. We wear clothes us look

smart. 2. During summer season. 3. It protect us from getting wet in rain.
4. Silkworm.

Hots Questions: 1. We would get wet in rain. 2. Because it helps in identifying someone's occupation.

4. Our Food

- A. 1. a 2. b 3. b 4. a 5. b
B. 1. strong 2. tastier, healthier
3. vegetarians 4. meal 5. night
C. 1. We cannot live work and play. 2. Plants and animals 3. Vegetarians eat plant foods while non-vegetarians eat meat, fish and eggs. 4. Three. Breakfast, lunch and dinner.

Hots Questions: 1. No 2. Oval

5. Our School

- A. 1. b 2. a 3. b 4. a 5. a
B. 1. Yes 2. No 3. Yes 4. No
C. 1. School is a place obey our elders. 2. The teacher writes on the blackboard. 3. The principal is the head of the school. He/She maintains discipline in the school. 4. We play several games. 5. Snacks and cold drinks.

Hots Questions: 1. Because it is a place where we learn to read and write. 2. Do yourself.

6. Our Family

- A. 1. a 2. b 3. a 4. b
B. 1. Yes 2. No 3. Yes 4. No 5. No
C. 1. happy 2. comforts 3. large
4. homework 5. care
D. 1. Siblings 2. A family with grandparents, parents, their children, uncles, aunts and cousins is called a joint family. 3. Parents 4. Cousin sister

Hots Questions: 1. A happy family. 2. A small family is a happy family while a large family usually may not enjoy much comforts.

7. Our Neighbourhood

- A. 1. a 2. c 3. a 4. b
B. Do yourself.
C. 1. Some places neighbourhood services. 2. Fruits, vegetables, cereals, pulses, etc. 3. Post cards, stamps and envelopes. 4. Ill or injured people.

Hots Questions: 1. Do yourself. 2. A police station maintains law and order in our neighbourhood.

8. Places of Worship

- A. 1. a 2. c 3. a 4. c 5. a
B. 1. God 2. temple 3. Hindus 4. Quran 5. Bible
C. 1. Yes 2. No 3. Yes 4. Yes 5. Yes

Hots Questions: 1. Christian 2. Bhagavad Gita

9. Our Festivals

- A. 1. a 2. c 3. b 4. a
B. 1. Yes 2. No 3. No 4. No 5. Yes
C. 1. festival 2. religions 3. Christmas 4. decorate 5. Sikhs
D. 1. Diwali 2. Eidgaha or mosque 3. Jesus Christ 4. Independence Day, Republic Day and Gandhi Jayanti.

Hots Questions: 1. Do yourself. 2. Because on this day, people decorate their houses with candles, lights and diyas.

10. Means of Communication

- A. 1. a 2. b 3. a 4. a 5. a
B. 1. No 2. Yes 3. No 4. Yes 5. Yes
C. 1. Letters, telephones, newspapers, televisions, radio, computers, etc. 2. A telephone 3. Newspapers 4. A computer

Hots Questions: 1. E-mail 2. Do yourself.

11. Means of Transport

- A. 1. a 2. a 3. a 4. c 5. b
B. 1. Yes 2. No 3. Yes 4. No 5. Yes
C. 1. To go from one place to another place. 2. Scooter, car, bus. 3. Aeroplanes and helicopters. 4. Boats and ships.

Hots Questions: 1. Aeroplane 2. No

12. Our House

- A. 1. c 2. a 3. a 4. b
B. 1. safe 2. bathe 3. movable 4. thatched 5. Pucca
C. Do yourself.

D. 1. A hut 2. A bungalow 3. Tents and houseboats. 4. Kutcha and pucca houses.

Hots Questions: 1. Do yourself. 2. Do yourself.

13. Plants

- A. 1. a 2. b 3. a 4. b 5. a
B. 1. Flowers, fruits, vegetables and fresh air. 2. Some plants called trees. 3. Rose, daisy, marigold, jasmine and sunflower. 4. Coriander and mint.

Hots Questions: 1. We should give proper water, apply manure and pesticides, etc. 2. Spinach, radish, etc.

14. Animals

- A. 1. a 2. b 3. b 4. a 5. b
B. 1. Yes 2. No 3. Yes 4. Yes 5. No
C. 1. Cow and buffalo. 2. Horse, donkey, camel and elephant. 3. Cat, dog and rabbit. 4. With the help of wings.

Hots Questions: 1. No, because they can harm us. 2. A dog protects us from strangers and thieves.

15. Food and Shelter for Animals

- A. 1. a 2. c 3. a 4. b 5. b
B. 1. d 2. e 3. b 4. a 5. c
C. 1. grow 2. flesh 3. plants 4. trees 5. web
D. 1. Cow, deer, elephant and rabbit. 2. Plants and animals. 3. Stable 4. Kennel

Hots Questions: 1. Because lion eats only flesh. 2. No

16. The Earth

- A. 1. b 2. a 3. b 4. a 5. b
B. 1. Earth 2. features 3. mountains 4. hills 5. plants
C. 1. Plains, hills, mountains and valleys. 2. Wheat and rice. 3. A valley 4. A piece an island.

Hots Questions: 1. Earth 2. Island

17. The Sky

- A. 1. b 2. a 3. b 4. a
B. 1. west 2. sun 3. small 4. rainbow 5. VIBGYOR
C. 1. Heat and light. 2. At night. 3. Seven 4. Dark

Hots Questions: 1. Sun 2. Moon

18. Safety Rules

- A. 1. a 2. b 3. b 4. a
B. 1. At zebra crossing 2. Footpath 3. In a queue 4. In school 5. Do not push for our turn.

Hots Questions: 1. Orange 2. To wait

19. Good Habits and Manners

- A. 1. a 2. b 3. c 4. a 5. b
B. 1. healthy 2. bath 3. quarrel 4. listen
5. tease
C. Do yourself.

Hots Questions: 1. Our parents and teachers. 2. To get up early in the morning.

20. Water

- A. 1. a 2. b 3. a 4. a
B. 1. precious 2. animals 3. ground
4. store 5. dirty

Hots Questions: 1. Snow on the mountain 2. Water

THE NEW WORLD-2

1. About Myself

- A. Do yourself.
B. Do yourself.

2. Human Body

- A. 1. a 2. b 3. b 4. a 5. b
B. 1. F 2. T 3. T 4. F 5. T
C. 1. Brain 2. The heart pumps blood to all the parts of our body. 3. Eyes, nose, ears, tongue and skin. 4. Skin 5. Kidneys remove waste products from the body.

Hots: 1. Tongue 2. Legs

3. My Family

- A. 1. a 2. b 3. c 4. c 5. a
B. 1. fun 2. nuclear 3. grandparents
4. uncle
C. 1. A family nuclear family. 2. Small nuclear family and big nuclear family. 3. A family a joint family. 4. Grandparents 5. Our grandparents make us comfortable.

Hots: 1. A small family consists of parents and their one or two children living together in a house. A joint family consists of parents and their children, grandparents, uncles, aunts and their children living together in a house.

2. Small nuclear family

4. Clothes We Wear

- A. 1. b 2. c 3. a 4. c 5. b
B. 1. Cotton 2. Heat, cold and rain.

3. Sweater, socks and muffler. 4. Natural and Synthetic 5. On the occasion of birthday, marriage, anniversary, etc.

Hots: 1. A watchman wears uniform.

2. Party wear and fancy dresses.

5. We Need Shelter

- A. 1. a 2. b 3. a 4. b 5. a
B. 1. cold 2. houses 3. portable
4. Eskimos 5. rainfall
C. 1. A house stray animals.
2. A house that can be moved easily. A tent and a houseboat are portable houses.
3. Stilt houses heavy rainfall.
4. Kutcha houses a kutcha house. 5. A number of persons painter and labourer.

Hots: 1. A skyscraper. 2. No, because village houses are temporary houses. They are not very strong while city houses are permanent houses. They are stronger compared to village houses.

6. Our Festivals

- A. 1. b 2. b 3. c 4. b 5. a
B. 1. family, friends 2. Hindus 3. Babu
4. Kerala
C. 1. With our family and friends. 2. A harvest festival of a given region. 3. Diwali, Eid and Christmas.
4. We celebrate the Republic Day on 26th January every year.

Hots: 1. Do yourself.

2. Mahatma Gandhi

7. Our Neighbourhood

- A. 1. a 2. c 3. b 4. c 5. c
B. 1. easy, comfortable 2. habits
3. postman 4. brigade 5. medicines
C. 1. A good neighbour like friends. 2. Post office. 3. The firemen can other people. 4. Doctors examine immediate care. 5. A bank is needy people.

Hots: 1. We play these games in a park.

2. Neha goes to school.

8. Keeping Healthy

- A. 1. c 2. a 3. a 4. c 5. b
B. 1. healthy 2. habits 3. junk 4. morning
5. active

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

D. 1. Food is a basic makes us strong. 2. Eat a balanced overeat. 3. Exercise for good health. 4. There are some your hands. 5. Good posture is and fatigue.

Hots: 1. Dirty water has germs in it. These germs can cause diseases like jaundice and typhoid. So, we should drink clean water. We can also clean water by using a water filter. 2. We should brush our teeth in the morning and at night every day. It keeps our teeth healthy.

9. Directions and Time

A. 1. c 2. b 3. a 4. c 5. b

B. 1. East, West 2. afternoon 3. evening 4. 24 hours 5. minutes

C. 1. North, South, East and West.

2. We use a map and the seas. 3. There are 366 days in a leap year. 4. 24 hours 5. Seven days

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

Hots: 1. If today is Monday, it was Sunday yesterday. 2. If tomorrow is Friday, it is Thursday today.

10. Weather and Seasons

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

B. 1. T 2. F 3. T 4. T

C. 1. The weather are called seasons. 2. Summer, monsoon, autumn, winter and spring are the five important seasons in India. 3. We wear woollen clothes to protect ourselves from the cold. 4. We like to wear light cotton clothes to keep ourselves cool. 5. We use an umbrella from getting wet.

Hots: 1. The rainy season 2. The rainy season

11. The World of Plants

A. 1. b 2. a 3. b 4. b 5. a

B. 1. survive 2. clean 3. fruits 4. seed

C. 1. Plants give us foods, medicines, clothes, woods, oils, papers and many other useful things. 2. Roots, stem, leaves, flowers, fruits and seed are the main parts of a plant. 3. Trees, shrubs, herbs, climbers, creepers. 4. Creepers have weak

..... bear big fruits. Climbers are the plants for support.

Hots: 1. Seed 2. Plants take in carbon dioxide from the air and make our environment fresh by giving out oxygen. This helps in reducing pollution.

12. The World of Animals

A. 1. b 2. c 3. b 4. a 5. c

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

C. 1. Animals that are domestic animals. 2. Animals such as cows as milch animals. 3. Dog, horse and buffalo. 4. Some animals carry beasts of burden. 5. The sheep

Hots: 1. No, the herbivores cannot live without plants. 2. Bullocks

13. Travel

A. 1. b 2. a 3. b 4. c 5. b

B. 1. transport 2. travel 3. rivers

4. Helicopter

C. 1. We have to go different purposes. 2. Land transport, water transport and air transport. 3. Rickshaw and tonga. 4. Trains 5 Air transport provides transport service.

Hots: 1. Bus or train 2. Bullock carts, rickshaws and tongas.

14. Communication

A. 1. c 2. a 3. c 4. b 5. a

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

C. 1. Communication is the feelings to a receiver. 2. Yes. A telephone enables us to talk to someone who lives far from us. 3. Radio, television and newspaper. 4. We can send messages by electronic-mail to any part of the world.

5. Hindi, English and other regional languages.

Hots: 1. Telephone 2. Do yourself.

15. Safety and First Aid

A. 1. b 2. c 3. a 4. c 5. b

B. 1. roads 2. accidents 3. zebra crossing 4. corridors 5. animals

C. 1. To save ourselves from accidents, we should follow safety rules in our daily life. 2. Use the zebra crossing on the

road. 3. Do not stand other children. 4. Do not touch and blades.

Hots: 1. We should avoid to touch them with wet hands. 2. We should not run in the bus, make noise and disturb the driver.

16. World Around Us

- A. 1. b 2. a 3. c 4. c 5. a
B. 1. 30% 2. globe 3. mountains 4. fertile 5. desert
C. 1. The Earth has atmosphere. 2. 70% 3. Plains, hills, mountains, valleys and deserts. 4. The camel 5. Highlands are called

Hots: 1. Because these areas are very fertile for crops. People also built houses, factories and roads on the plains easily.

2. The atmosphere.

17. The Sky

- A. 1. a 2. c 3. c 4. c 5. c
B. 1. T 2. F 3. F 4. T 5. T
C. 1. The solar system and other things. 2. The sun 3. The moon is a natural shape every night. 4. There are eight and Neptune. 5. At night

Hots: 1. Due to the abundance of water on its surface. 2. No, because it is very hot and very far from us.

18. Water Around Us

- A. 1. b 2. a 3. c 4. c
B. 1. T 2. F 3. T 4. T 5. F
C. 1. For drinking other things. 2. Rain 3. In tanks, buckets, bottles, mugs, drums, etc. 4. No, because it is salty in taste.

Hots: 1. Do yourself. 2. Boiling makes the water turn into water vapour and back to water again.

19. Air Around Us

- A. 1. c 2. a 3. b 4. b 5. c
B. 1. T 2. T 3. F 4. T 5. F
C. 1. To live. 2. When the wind as a storm. 3. Dust and smoke as a storm. 4. Air also used to for burning things. 5. The smoke used that pollutes the air.

Hots: 1. Through nose and lungs 2. By leaving dust and emitting smoke from moving vehicles, factories, etc.

THE NEW WORLD-3

1. My Family

- A. 1. a 2. b 3. c 4. a 5. a
B. 1. T 2. F 3. F 4. T 5. F
C. 1. nuclear 2. children 3. recreational 4. stories 5. duties, help
D. 1. A group of people a family. 2. There are three to four members in a small nuclear family. 3. A nuclear family consists of father, mother and their children while a joint family and brothers. 4. Parents love to their children. 5. We have many scrabble and chess.

Hots: 1. Relation belonging to father are called paternal relatives. Relation belonging to mother are called maternal relatives. 2. The family members cannot look similar to each other because everyone has a different body structure.

2. Caring for Others

- A. 1. b 2. d 3. a 4. a 5. b
B. 1. physically 2. rest, peace 3. happy 4. Physically challenged 5. helpful
C. 1. Some old people are unable to see, hear and walk because they become physically weak. 2. Sick and weak people need love and encouragement. 3. They are unable to see, hear, walk or speak and do their work in different manners. 4. By showing love and affection, we can help the physically challenged people.

Hots: 1. Do yourself. 2. We can communicate to them by using sign languages.

3. Our Body

- A. 1. a 2. d 3. b 4. b 5. b
B. 1. T 2. F 3. F 4. T 5. T
C. 1. ball 2. emotion 3. chest 4. hearing 5. touch
D. 1. Our body consists of our body. 2. It also helps us to show emotion. 3. We hear different of birds, etc. 4. We taste different us to speak. 5. Take

food and speak.

Hots: 1. We should clean our tongue using a tongue-cleaner whenever we brush.

2. We can wash our eyes with fresh cold water and wipe them gently with a towel. And remember, watching too much television or spending long hours on the computer is also not good for the eyes. Eyes need rest just like the rest of our body, so one should sleep for at least eight hours every day.

4. Looking After Your Body

A. 1. a 2. b 3. b 4. a

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

C. 1. We should brush our teeth every morning and night. We should take a bath every day. We should do exercise every day. 2. We should wipe noisy places. 3. We should clean outdoor activities, etc. 4. Exercise helps hours of sleep.

Hots: 1. We should not throw garbage out in the open. We should not spit or urinate on roads, parks and other public places. Organise a weekly 'cleanliness drive' in your surroundings like home, school and city.

2. We should brush our teeth before going to bed to avoid diseases and infections.

5. Our Food

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

B. 1. function 2. infections, diseases

3. muscles, blood 4. light 5. last

C. 1. Energy-giving foods, Body-building foods and protective foods. 2. Because they keep us healthy and strong.

3. Energy-giving foods give us energy to work and play. Body-building foods to heal faster. 4. A balanced diet vitamins and minerals.

5. They are not very healthy. These foods can harm our body and teeth.

D. 1. Butter, ghee, eggs 2. Pulses, fish, meat 3. Fruits, vegetables, nuts

Hots: 1. We should cover our food so we can take off the germs. **2.** The foods we eat reach us in many ways: Farmers grow plants for food. Food grains are brought to the market. Shopkeepers purchase the

food items from the wholesale market. We purchase the food items from the shops in the retail market.

6. Cooking Food

A. 1. b 2. a 3. d 4. b 5. b

B. 1. T 2. T 3. F 4. F

C. 1. Cooking makes present in food. 2. Baking is baked in ovens. 3. It kills the germs present in the food. 4. Pickles, jams and examples of freezing. 5. Wok (kadhai), frying pan, pressure cooker, cooking pot (patila) and tava.

Hots: 1. Do yourself. **2.** No, because fried foods are not easy to digest.

7. Plants

A. 1. a 2. a 3. a 4. b 5. c

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

C. 1. Trees (mango, banyan), Herbs (wheat, rice), Shrubs (rose, jasmine), Climbers (pea plant, grapevine), Creepers (watermelon, pumpkin) and Thorny plants (cactus, lemon plant). 2. Fruits (apple, mango) and Vegetables (brinjal, cauliflower). 3. Thorns help destroyed by animals. 4. Leaves are useful food containers. 5. Plants are essential other products are made.

Hots: 1. Plants make their food through photosynthesis. **2.** All living beings, animals and plants cannot survive without breathing. Animals breathe air through their nose. Plants have stomata and breathe through it.

8. Animals Around Us

A. 1. a 2. d 3. b 4. d 5. b

B. 1. shapes 2. dangerous 3. plough

4. playful 5. eggs

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

D. 1. Wild animals are found in jungles. They find their own foods and take care of their young ones. The animals that we usually keep at farms are called farm animals. Farm animals are domestic animals. They live in man-made homes.

2. We keep some pets at home. 3. Scavengers are animals that eat

the leftover of the flesh eaters while herbivores are animals that eat plants, grasses, leaves, etc. 4. They move in their fins and legs. 5. Cows, goats, horses, buffaloes, etc.

Hots: 1. Do yourself. 2. We should take care of our pets and be kind to them.

9. Chirping Birds and Insects

A. 1. d 2. a 3. b 4. b 5. a

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

C. 1. Butterfly, mosquito, housefly, honeybee, etc. 2. The colour of the beetles is brown and black. Their front wings back wings. 3. Grasshoppers and crickets in the daytime.

4. Many insects called social insects. 5. The honeybee of flowers.

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

Hots: 1. Do yourself. 2. By using pesticides, we can keep our house free from these insects.

10. Recreation

A. 1. b 2. a 3. c 4. b 5. c

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

C. 1. Recreation is one with friends. 2. Games and sports are the most popular recreational activities. 3. Indoor games like chess, ludo, carrom, etc.

4. Outdoor games like tennis, football, cricket, swimming, hide and seek, etc.

5. We have fun imagination on paper.

Hots: 1. No, we can't work the whole day because after doing continuous work, we get tired and our body needs to relax.

2. Do yourself.

11. People At Work

A. 1. b 2. d 3. a 4. b 5. a

B. 1. security 2. occupation 3. houses, weavers 4. plumber 5. robbery

C. 1. Any work done to earn money is called an occupation. 2. Farmer, cobbler, goldsmith, potter and milkman.

3. Postman delivers letters from door to door. 4. The greengrocer and

fruits. 5. Even today some is called child labour.

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

Hots: 1. We will dial for police- 100, we will dial for ambulance-101 and we will dial for fire brigade- 102 in a trouble. 2. Do yourself.

12. Houses

A. 1. a 2. b 3. a 4. b 5. a

B. 1. wild animals 2. pucca 3. house 4. kitchen 5. curtains, furniture

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

D. 1. Our house is our in the house. 2. Stilt, tent, igloo, caravan and houseboat. 3. A tent is a house made of special clothes called canvas. It is easy to put up. On the other hand, caravan is a mobile house on wheels. It can be pulled from one place to another by animals or by a car. 4. An igloo called Eskimos or Inuit. 5. Keep things any smoke.

Hots: 1. Do yourself. 2. On festivals and family celebrations.

13. Directions

A. 1. a 2. c 3. a 4. a 5. d

B. 1. directions 2. buildings 3. map 4. atlas

C. 1. There are four main directions: East, West, North and South. 2. A landmark is a place easily. 3. We say proper directions. 4. A distance scale of a map. 5. Blue colour

Hots: 1. Do yourself. 2. Do yourself.

14. Air

A. 1. b 2. b 3. b 4. a 5. a

B. 1. wind 2. oxygen 3. space, weight 4. smoke, poisonous 5. outdoor

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

D. 1. We need air to live. Without air we can't survive. 2. Air is a carbon dioxide. 3. Air containing breathing problems. 4. We can help festivals such as Diwali. 5. Pollution inside is smoking.

Hots: 1. We can cover our mouth and nose

while sneezing or coughing. One should never spit in public places. So, we can take care while we are unwell to ensure that we do not pass the illness to another person.

2. CNG

15. Need for Water

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

B. 1. T 2. F 3. T 4. F

C. 1. All living things need water to live. Water helps in our body. 2. Water is colourless, has no smell and is a tasteless liquid. 3. We use water generate electricity. 4. All living things plants will die. All animals also drink, bathe, etc.

Hots: Do yourself.

16. Water is Precious

A. 1. a 2. b 3. a 4. d 5. d

B. 1. drink 2. liquid 3. seeps 4. plants 5. pots, containers

C. 1. We need to washing and cleaning. 2. In nature water is found in three forms, solid, liquid or gas. 3. When the sun called water cycle. 4. A large amount surface water. 5. Store water in a clean container. Keep the container buckets and bottles.

Hots: 1. We use water for cooking, bathing, washing and cleaning. 2. A dam is a man-made structure built across a river. Most dams are built to control river flow, improve navigation, and regulate flooding. However, some dams are built to produce hydroelectric power.

17. Means of Transport

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

B. 1. short 2. large, suitable 3. aeroplanes 4. airport 5. Kerala, Assam

C. 1. All of us long journeys. 2. Land transport is diesel. 3. Boats, sailboats travel in space. 4. Away from Assam. 5. Rocket and spacecraft.

Hots: 1. Ask your grandmother. 2. Do yourself.

18. Means of Communication

A. 1. b 2. a 3. d 4. b 5. a

B. 1. postman 2. STD 3. mobile 4. satellites 5. electronic

C. 1. Communication means and the Internet. 2. Sending letters 3. Telephone 4. Mobile phone is the a mobile phone. 5. Go to the post office in a letterbox. 6. The five uses of internet is to listen music, send messages, see video clips, picture and video chat.

Hots: 1. Do yourself. 2. Communication will be not possible.

19. Textiles and Pottery

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

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

C. 1. 'Textiles' is a term and blankets. 2. The early man did not his body. 3. We get cotton fibre from cotton plants and we get jute fibre from jute plants. 4. Nylon is used to make and draperies and polyester is used to make most forms of and lingerie. 5. The two famous Indian potteries are cups and kulhars.

Hots: 1. We wear different kinds of clothes in different weather to protect our body from extreme temperature. 2. Clay vessels are more suitable to store drinking water because it keep away germs and hold the water cold.

20. The Earth and the Sky

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

B. 1. F 2. T 3. T 4. T

C. 1. Life is possible on the Earth because of the presence of water and air. 2. The Earth is always of the Earth. 3. Without the sun live on it. 4. The moon called craters.

Hots: 1. Do yourself. 2. Do yourself.

THE NEW WORLD-4

1. My Family

A. 1. a 2. b 3. b 4. b 5. a

B. 1. nuclear 2. homes 3. dressing 4. comfortable 5. movement

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

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

E. 1. Babies come from the mother's womb. 2. A nuclear family small

family and big family. 3. All living beings grow shelter for the eggs.

4. Human beings are called mammals. Cow, buffalo, lion, tiger and elephant are mammals. 5. When a couple legally called an adopted child. There are some foster child.

Hots: 1. No, because in a joint family people are related to one another. 2. Do yourself.

2. My Extended Family

A. 1. a 2. b 3. a 4. c 5. a

B. 1. financial 2. ceremony

3. responsibilities 4. consult 5. feelings, special

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

D. 1. Uncles, aunts extended family. 2. The members celebrate together. 3. The people and siblings. 4. We learn a lot harmony everywhere. 5. Traditional values respect for others.

Hots: 1. Yes. Nowadays women are involved in different types of business, working equally as hard as men. Their opinion is equally important as of men and cannot be challenged. 2. Do yourself.

3. Games We Play

A. 1. c 2. a 3. b 4. b 5. c

B. 1. love 2. Rules 3. language 4. trapeze 5. ringmaster

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

D. 1. When we play back to work again. 2. To relax our mind. 3. Rules help playground. It is important fair manner. 4. We all are excited the merry-go-round. 5. Games that children hockey, etc.

Hots: 1. Do yourself. 2. Do yourself.

4. Work Around Us

A. 1. b 2. b 3. c 4. c 5. a

B. 1. occupation 2. water, plants 3. cobbler 4. traffic 5. schools, colleges

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

D. 1. You will find people their occupation. 2. Doctor examines sick people and advises them which medicines

to take. 3. Today, times have and the police. 4. Nylon thread, nails and different types of tools. 5. Potters make pots on the potter's wheel. These pots are plants, etc.

Hots: 1. Do yourself. 2. Do yourself.

5. The Animal World

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

B. 1. moves 2. shoals 3. consume

4. medicines 5. cows, buffaloes

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

D. 1. Cows, buffaloes, and deer. 2. Some animals that or see humans. 3. Honeybees consume turns into honey. 4. Elephants, foxes and bats. 5. Some animals have on their body.

Hots: 1. They use their ears to hear and to fan themselves. 2. To cover all parts of their body. The fur traps air and keeps the body warm.

6. Roots and Flowers

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

B. 1. ropes 2. salts 3. absorption, support 4. orange 5. germination

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

D. 1. The roots grow as the root system. 2. Taproot is a type and almost straight. Fibrous root into the soil. 3. It transports ginger, turmeric, etc. 4. The two main functions prevent soil erosion. 5. On religious festivals make incense sticks. 6. The seed contains called germination.

Hots: 1. Some plants have weak roots therefore, during natural disasters such as tornado, hurricane they may get uprooted.

2. Because it is due to the roots which are deep down in the soil.

7. The Plants' World

A. 1. a 2. b 3. b 4. a 5. a

B. 1. Forest Department 2. weeds 3. rainy 4. fruits, flowers 5. soil

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

D. 1. We depend on plants many

other things. 2. The municipal regularly. 3. Some plants grow leaves and barks. People grow of domestic plants. 4. Ghritkumari, Ashoka, Ashwagandha, Brahmi and Satavari. 5. Some tribal is not disturbed.

Hots: 1. Tamarind paste is easy to use with the right recipe. Just scoop it out of the bottle and add straight to your recipe. Tamarind paste is usually cooked in with other ingredients, but can also be mixed into chutneys. 2. Do yourself.

8. How We Get Our Food

- A.** 1. b 2. b 3. b 4. a 5. b
B. 1. diseases 2. seeds 3. farmers 4. occasion 5. mid-day
C. 1. T 2. F 3. F 4. T 5. F
D. 1. Food is one against diseases. 2. Cereals, pulses from different plants. 3. Spices are parts coriander seeds. 4. We eat food the relatives and friends. 5. In gurudwaras, food organizing a langar. 6. Mid-day meals feeling of togetherness.

Hots: 1. Do yourself. 2. Do yourself.

9. Tasting and Eating Food

- A.** 1. b 2. a 3. c 4. c 5. d
B. 1. shape 2. five 3. chew 4. back
C. 1. F 2. T 3. T 4. F
D. 1. The surface of the tongue identify sour taste. 2. Teeth give proper to speak clearly. 3. We need to look every six months. 4. Herbivores such as and grinding. Carnivores have and flesh. 5. When we do not causes tooth decay.

Hots : 1. Do yourself. 2. Elephants use their tusks for a range of tasks. For example, they use them as weapons against potential predators or in battle against other elephants. They also use their tusks for digging, foraging, stripping bark, as well as moving things out of the way.

10. Beaks and Claws

- A.** 1. a 2. b 3. d 4. b 5. d
B. 1. bills 2. chisel-like 3. wading 4. hawk 5. ground
C. 1. T 2. T 3. T 4. F 5. F
D. 1. Because different birds have different food habits. 2. It uses its beak to take in muddy water which has insects, worms, etc. 3. Perching birds very firmly. The climbing birds bark of the trees. 4. Woodpeckers have bark of the trees. 5. Crow, sparrow and mynah. Perching birds.
Hots: 1. Do yourself. 2. Do yourself.

11. Houses Then and Now

- A.** 1. b 2. d 3. c 4. a 5. c
B. 1. straw 2. kitchen, toilet 3. designed 4. storeys 5. diseases
C. 1. F 2. T 3. F 4. F 5. F
D. 1. A house protects us family members. 2. Kutcha house were and straw while pucca house is made of and glass. 3. Multi-storeyed, residential colonies, bungalows and slums. 4. Because there is a shortage of land in cities. 5. Houses in towns to wait in long queues.

Hots: 1. In the olden times, houses were made of bricks and wood. The houses had high ceiling which allowed better air circulation. All the rooms had large windows and ventilators. 2. People living in areas that receive heavy rainfall or snowfall build houses with slanting rooftops. A slanting rooftop allows the rainwater or the snow to fall down easily.

12. Animals' Habitats

- A.** 1. a 2. d 3. c 4. a 5. a
B. 1. farms 2. under 3. stitches 4. caught 5. aquatic
C. 1. F 2. F 3. T 4. F 5. T
D. 1. Home is the place known as a habitat. 2. Monkeys, chimpanzees called arboreal animals. 3. Animals that are to eat. 4. Snakes live in holes of a tree.

5. Birds live on trees houses.
 6. A tailorbird stitches leaves together with thread, wool or cotton.

Hots: 1. Forests are essential for life on the Earth. They give wild animals shade and shelter, refuge and refreshment, clean air and water. 2. Many desert animals are nocturnal because of the hot climate that is normally experienced during the day. At daytime the heat is normally extreme, causing the animals to have special adaptations for survival purposes.

13. Mapping the Neighbourhood

- A.** 1. a 2. c 3. b 4. d 5. a
B. 1. sketch 2. bottom 3. map 4. ruler 5. landmark
C. 1. T 2. T 3. F 4. T 5. T
D. 1. A map shows your destination. 2. A map is very we have to reach. 3. Different signs houses and so on. 4. All maps are scale scale and a verbal scale.

Hots: 1. In the morning, if we stand facing the sun, we can find the directions. Our face points to east and behind us is west. Our right hand is towards south and left hand towards north. The sun rises in the east sets in the west. 2. First of all, we need to keep in mind while making maps, a map is drawn on a small piece of paper. To locate any place on a map, we should have the knowledge of the directions, signs and symbols.

14. Water for Living

- A.** 1. c 2. b 3. c 4. d 5. a
B. 1. 95% 2. bathing 3. seas 4. bigger 5. liquid
C. 1. T 2. F 3. F 4. T 5. F
D. 1. 70% 2. Pond, lake, river and sea. 3. The change of water called evaporation. 4. Some of the rainwater underground water. 5. When the sun shines and goes on and on.

Hots: 1. It is because the temperature in the freezer is less than the temperature in the freezer. This shows that water changes its forms when we change its temperature.

2. Humidity moisture in the air usually makes the climate feel much hotter than it actually is. Comfort levels of humidity can vary from person to person. Extreme humidity is usually uncomfor-table for everyone.

15. Clean Water

- A.** 1. b 2. c 3. d 4. b 5. d
B. 1. store, conserve 2. canal 3. drink 4. covered 5. garbage
C. 1. F 2. T 3. F 4. T 5. T
D. 1. Fresh and clean wastes from our body. 2. A dam is a barrier domestic purposes too. 3. In the process of therefore collected. 4. Many of the rivers use polluted water. 5. We can prevent water cleaning products.

Hots: 1. Do yourself. 2. Do yourself.

16. Travel and Currency

- A.** 1. b 2. d 3. a 4. b 5. b
B. 1. Northern Plains 2. Coastal 3. Rajasthan 4. rupee 5. India
C. 1. T 2. F 3. T 4. F 5. F
D. 1. High land that part of India. 2. An island is a piece in the Arabian sea. 3. The Himalayan Shivalik (Lower Himalayas). 4. The money called currency. 5. The emblem motto of our country.

Hots: 1. Yes, Aeroplanes. 2. Do yourself.

17. Animals Used as a Means of Transport

- A.** 1. b 2. d 3. a 4. b 5. a
B. 1. bullocks, camels 2. water, food 3. wood 4. reindeers, sledges 5. force
C. 1. F 2. T 3. T 4. F 5. F
D. 1. Animals such as on bullock carts. 2. The camel ship of the desert. 3. An elephant 4. We should give them or fall sick. 5. To protect the tender open end up.

Hots: 1. Carts drawn by camels are used to transport people and goods in deserts. Their spongy hooves help them to move swiftly on the sand. 2. We can't just stack a

bunch of stuff on their backs though. Think of putting the load together like a couple of large saddlebags, with straps and padding across their backs and hanging to either side. Load balancing is important too. Animal used for carrying loads is called Beast of Burden.

18. Houses and Bridges

- A.** 1. a 2. c 3. b 4. a 5. b
B. 1. trowel 2. chamber 3. brushes
4. strong, durable 5. cross
C. 1. T 2. F 3. T 4. F 5. T
D. 1. They are made of iron and steel. 2. An architect of the houses. 3. A suspension bridge is one to the anchorages. 4. Brick is one very strong and durable. 5. A movable bridge in Kolkata is a movable bridge.

Hots: 1. No, because they are weak.
2. Bridges must have expansion gaps in them because they are normally subjected to great forces of both wind and heat. This causes them to expand and contract, the gaps help to prevent cracking.

19. Garbage and Its Disposal

- A.** 1. b 2. b 3. a 4. d 5. b
B. 1. waste 2. biodegradable 3. scientific
4. store 5. kabadiwala
C. 1. F 2. T 3. T 4. T 5. F
D. 1. Pleasant and clean the surroundings clean. 2. Incineration means harmful to human. 3. The disposal of waste scientific way. 4. Some wastes that examples of biodegradable wastes. Some wastes that non-biodegradable wastes. 5. There are many ways to make new paper.

Hots: 1. We can reduce waste when we use cloth bags. Plastic bags are non-biodegradable waste. 2. Do yourself.

THE NEW WORLD-5

1. Shifting Homes

- A.** 1. d 2. a 3. a 4. d 5. c
B. 1. Refugees 2. India 3. relationships
4. homemakers 5. love
C. 1. Sometimes, people

called refugees. 2. There are many other reasons expensive homes.

3. People who leave called immigrants. 4. Sometimes, people are forced to find shelters. 5. Our family is strict with us.

Hots: 1. Do yourself. 2. Do yourself.

2. Knowing Ourselves and Others

- A.** 1. a 2. b 3. d 4. a 5. b
B. 1. divide, multiply 2. traditions
3. stronger 4. sign 5. smell
C. 1. F 2. T 3. F 4. T 5. F
D. 1. A baby sobs wants to be fondled. 2. Sometimes, one or more differently-abled people. 3. Everybody in a family qualities. 4. Our family influences influenced by traditions. 5. Eating habits do not eat them.

Hots: 1. Do yourself. 2. People find it difficult to respect one another's food habits because they do not match with one another's taste and food habits.

3. Games We Play

- A.** 1. a 2. a 3. b 4. d 5. b
B. 1. confidence 2. international
3. reputation 4. Himachal Pradesh
5. breathe
C. 1. T 2. T 3. T 4. T 5. F
D. 1. Playing games is our confidence. 2. Individual games are played alone or individually while team games are played by a group of people, who from a team. 3. In sports, team spirit thing that matters. 4. Kabaddi and Gilli Danda. 5. Saina Nehwal, Sania Mirza and Anjali Bhagwat. 6. This is because, when vanishes quickly.

Hots: 1. Rohit should tell his teammate that this is a bad habit. He should play games in the right spirit. 2. We see mirror becomes cloudy when we blow air to it.

4. Dignity of Labour

- A.** 1. a 2. a 3. d 4. a 5. c
B. 1. cleaning 2. dignity 3. honesty
4. education, training 5. high
C. 1. F 2. T 3. T 4. T 5. F
D. 1. The respect given to all types of

labour is known as dignity of labour.

2. Different people do called division of labour. 3. Plumbers, masons and sweepers. 4. Engineers, doctors and pilots. 5. Do yourself.

Hots: 1. No, Charu's behaviour is wrong because she consider the gardener's work low. 2. Mohit should tell her mother, no work is superior or inferior in itself. Every job has its own importance and respect.

5. Animals and their Senses

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

B. 1. security 2. birds 3. vibrations
4. branch 5. social

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

D. 1. These organs help with one another. 2. Cat 3. The bat, whale and dolphin to locate prey. 4. Sleep is a basic need backside or on the ground. 5. Most animals including and even humans.

Hots: 1. When we caress a dog, it behaves friendly. Dog moves its tail and sits down and puts its head on our legs to show its feeling. 2. Yes, we noticed during lunch break in school, eagles flying over the school fields in searching for food.

6. Animals in Our Lives

A. 1. c 2. a 3. b 4. c 5. a

B. 1. eggs 2. mahouts 3. habitat

4. madaris 5. poachers

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

D. 1. We get many known as animal products. 2. Nowadays, a large number their body parts. 3. The tiger is a ferocious more than 500 today. 4. There are some people relationship with elephants. 5. Madaris move around the baby monkeys.

Hots: 1. Do yourself. 2. Do yourself.

7. The World of Plants

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

B. 1. germinate, grow 2. reproductive
3. emerge 4. dispersal 5. underground

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

D. 1. All plants reproduce of the mother plants. 2. Seeds differ in their

..... through photosynthesis. 3. In monocotyledons, embryo has just one cotyledon or seed leaf while in dicotyledons, embryo has two cotyledons or seed leaves. 4. The process of changing a seed growing plant emerges. 5. The scattering of dispersal of seeds. 6. Potato, ginger into new plants.

Hots: 1. Because seeds need proper respiration, nutrition and suitable space to grow. 2. Proper air, water, temperature, sunlight and fertile soil.

8. Our Forests

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

B. 1. adivasi 2. traditions 3. animals
4. patch 5. sacred

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

D. 1. Some people who the original dweller. 2. The large scale cutting called deforestation. 3. The Forest Conservation Act conserve plant more trees. 4. The contribution of leaders of this movement. 5. Some patches of forests in Maharashtra.

Hots: 1. Forests help to prevent soil erosion in many ways. The roots of plants bind the soil particle together and prevent the soil from being washed or blown away. The leaves of plants act as an umbrella reducing the force of raindrops hitting the soil. 2. Tulsi and Peepal.

9. Our Food

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

B. 1. saliva 2. Glucose 3. nerves

4. Rickets 5. oxidation

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

D. 1. Our tongue has of the tongue. 2. Glucose is used intervals while playing. 3. The diet consisting of balanced diet. 4. Food in the North India, in a bamboo shoot. 5. Food preservation is a are used. Freezing, drying, canning and packing.

Hots: 1. Spinach and ginger are dried in the sun to preserve for longer time.

Because these vegetables are used for many beneficial purposes like in making food, spices and medicine. 2. Because boiling is a long-standing method of preserving milk. Bacteria cannot grow in boiled milk for a long time.

10. Food Production and Storage

- A. 1. b 2. a 3. b 4. d 5. a
B. 1. silkworms 2. fertilisers 3. nutrients 4. pumps 5. physical
C. 1. F 2. T 3. T 4. T 5. F
D. 1. Some other farmers as poultry farmers. 2. Seeds are one of subsidised rates. 3. In 1960s, renowned Green Revolution. 4. Farmer create is vermicomposting. 5. Shortage of food creates food shortage.

Hots: 1. We provide water to potted plants in our garden by garden hose pipes. 2. The trees in the forest get water by rain.

11. Food for Plants and Animals

- A. 1. a 2. c 3. d 4. c 5. c
B. 1. chlorophyll 2. sunlight 3. plants 4. bacteria, fungi 5. dead
C. 1. F 2. T 3. F 4. F 5. T
D. The process of making food by using sunlight, water, minerals, carbon dioxide and chlorophyll is called photosynthesis. 2. Plants which eat insects are called insectivorous plants. 3. Some parasites are from their host. 4. Herbivores are animals examples of omnivores. 5. A food chain is a affected adversely.

Hots: 1. Insects play an important role in ecosystem. Without insects food web would be disturbed. Finally there would be no life on Earth if there were no insects.

2. In the rainy season, wild mushrooms are seen growing in the garden. They are white, bluish and creamy-yellow or brown in colour.

12. Shelter for Everyone

- A. 1. a 2. b 3. d 4. a 5. a
B. 1. social 2. rural 3. Kashmir 4. live, work 5. six-sided

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

D. 1. Living together is grow crops, etc. 2. In hilly and mountain rooms warm. 3. Bricks, stones and cement. 4. Like us, insects social insects. 5. Different types of its construction.

Hots: 1. We have seen pucca house, kutcha house, bungalow, a tent house and stilts. 2. Bricks, stones, sand, cement, iron, mortar, plaster, soil, etc.

13. Emergency Shelter

- A. 1. b 2. c 3. b 4. c 5. d
B. 1. earthquake 2. tropical 3. sprained 4. waterborne 5. crack, injury
C. 1. T 2. F 3. T 4. F 5. F
D. 1. Floods, droughts has to face. 2. An earthquake occurs serious damages. Cyclones are huge very heavy rains. 3. Cyclones that form over destruction to coastlines. 4. Move away middle of the sea. 5. In the case of help is available.

Hots: 1. Odisha 2. We should clean our finger with an antiseptic lotion and cover it with a band-aid.

14. Water in Our Lives

- A. 1. c 2. d 3. d 4. b 5. a
B. 1. water 2. ancient 3. odourless 4. soluble 5. Earth's
C. 1. T 2. T 3. F 4. F 5. F
D. 1. Baolis are an ancient during droughts. 2. The word pias one and all. 3. One important property universal solvent. 4. A substance that to be insoluble. 5. The heaviness it will sink. 6. Water is measured 1000 millilitres.

Hots: 1. Milk 2. We have seen many things floating in water like wood, cork, plastic and sheet of paper, ice, empty jar, ball, water boat, ship, etc.

15. They Live In Water

- A. 1. b 2. c 3. a 4. c 5. b
B. 1. fixed 2. rooted-floating 3. dragonflies 4. malaria, dengue

5. dustbins

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

D. 1. Big and small plants growing in a pond or other water bodies are called aquatic plants. Aquatic plants can be divided into three groups: (a) Free-floating plants like duckweed and water hyacinth, (b) Rooted-floating plants like water lily and lotus, (c) Submerged plants like ferns and star grass. 2. Plants that freely and lotus. 3. Aquatic animals are survive in water. 4. Sir Ronald Ross. 5. Do not let water blood test immediately.

Hots: 1. In rainy season. 2. In rainy season.

16. Fuels We Use

A. 1. a 2. b 3. a 4. b 5. a

B. 1. digging 2. oil wells 3. valuable, expensive 4. fossil 5. electric

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

D. 1. The process by called combustion. 2. They are once finished. 3. Coal was formed from the remains of dead plants while petroleum was also formed years ago. 4. In oilfields, natural auto rickshaws and cars. 5. Because fuel is non-renewable resource.

Hots: 1. Do yourself. 2. In homes for cooking, in vehicles for moving engines and in factories for producing paper, cement, iron, etc.

17. Adventure and Space

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

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

C. 1. People love to spirit of adventure. 2. Tenzing Norgay and Edmund Hillary. 3. Bachendri Pal was and Arjuna Award. 4. All the objects we see comets,

meteors, etc. 5. Man has launched Indian satellites.

Hots: 1. They need a lot of training, get medical tests done before climbing to check the level of physical fitness and build up physical stamina by exercising for months. 2. Raha Moharrak, Arunima Sinha, Santosh Yadav, Dicky Dolma, etc.

18. Heritage Buildings

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

B. 1. monasteries 2. Shah Jahan 3. Ganga King Narsimha 4. Rajpath 5. UNESCO

C. 1. Heritage has developed. 2. The Taj Mahal is a visit the Taj Mahal. 3. The India Gate of India Gate since 1971. 4. Ganga King Narsimha Deva-1 5. We can take care of done to the guards.

Hots: 1. Qutb Minar, Jantar Mantar, Gol Gumbaz, Meenakshi Temple, The Sanchi Stupa, etc. 2. We try to know who build them, when and the grand lifestyle of kings and queens of the past who lived in them. We also want to know about what materials are used to build them.

19. How Food is Grown

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

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

C. 1. By farming 2. Tools and agricultural implements. 3. Threshing is done for separating grains from the harvested crop while winnowing is done for separating husk from seeds. 4. A large amount called silos. 5. When the crops from stray animals.

Hots: 1. A plant must need water, air, fertile soil, temperature, sunlight and enough space to grow. 2. To preserve them for a longer time and use them in any season according to requirements.