



1. About Myself

Do yourself.

2. My Beautiful body

A. 1.one 2.two 3.mouth 4.smell **B.** 1.head 2.eyes 3.tongue 4.legs

3. My Sense Organs

A. 1.False 2.True 3.False 4.True **B.** 1.five 2.hear 3.touch 4.two **C.** 1.five 2.eyes and nose 3.skin

4. Food- Satisfy Our Hunger

A. 1.True 2.False 3.True 4.False **B.** Do yourself. **C.** 1.strong and healthy 2.heavy diet 3.light diet

5. Water

A. 1.water 2.precious 3.washing 4.plants **B.** 1.No 2.drinking and cooking **C.** Do yourself.

6. Air

A. 1.essential 2.breathe 3.pump 4.air **B.** 1.No 2.We breathe in the air and air is use to run the windmill. **C.** Do yourself.

7. Our Sweet Home

A. 1.True 2.False 3.True 4.False **B.** 1.bedroom 2.food 3.hen 4.shed **C.** 1.to live in. 2.kitchen 3.coop **D.** Horse, Lion, Cow

8. My Family

Do yourself.

9. Our Helpers

A. 1.teaches 2.health 3.barber 4.chemist **B.** 1.Mason 2.Carpenter 3.Vegetable seller **C.** Doctor, Chemist, Cobbler

10. Festive Time

A. 1.True 2.False 3.True 4.False **B.** 1.Hindus 2.We play with colours 3.on 25 December.**C.** Christmas, Diwali, Holi

11. Our Safety

A. 1.footpath 2.play 3.zebra 4.sharp **B.** 1.We should follow safety rules 2.We should not play with sharp objects.

12. Good Behaviour

A. 1.True 2.False 3.True 4.False **B.** 1.manners 2.needy 3.teachers 4.rubbish **C.** 1.good manners 2.in a dustbin. 3.Childhood **D.** G, G, B

13. Animals' World

A. 1.True 2.False 3.False 4.True **B.** 1.giraffe 2.water 3.fly 4.parrot **C.** 1.forest, lion and zebra 2.dog and cat 3.Lion, Tiger 4.tortoise and crocodile 5.nest, parrot and pigeon **D.** Lion, Dog, Elephant, Fish, Tortoise, Parrot

14. Plants' World

A. 1. plants 2. pulses 3. Flower 4. destroy **B.** 1. vegetables and fruits. Potato and wheat 2. orange, apple and potato, onion 3. Flower

15. Living and Non-living Things

A. 1. False 2. True 3. False 4. True **B.** 1. That have life. Boy and monkey. 2. which are lifeless. Camera and computer. 3. No **C.** L, NL, NL, L

16. Our Vehicles

A. 1. False 2. True 3. False 4. True **B.** 1. vehicles. 2. tonga and tractor. 3. boat and ship. 4. Aeroplane

17. Communication- Talking Style

A. 1.True 2.False 3.True 4.False **B.** 1.We need ------ communication. Television and newspaper. 2.Telephone

18. Seasons

A. 1.Summer 2.warm 3.absorb 4.raincoat **B.** 1.Three. Summer, winter and rainy. 2.Because they absorb our sweat. 3.Woollen clothes.

19. The Earth

A. 1.Earth 2.plain 3.desert 4.sea **B.** 1.on the Earth. Round. 2.a very high piece of land. 3.a piece of ------ all sides.

20. The Blue Sky

A. 1.sky 2.fire 3.Stars 4.rainbow B. 1.blue. 2.heat and light.



1. About Me

Do yourself.

2. My Body

A. 1.P 2.P 3.S 4.P 5.S 6.P 7.P 8.S **B.** 1.walk 2.Eyes 3.touch 4.eating 5.Tongue **C.** 1.write 2.hear 3.walk 4.taste 5.smell **D.** 1.Nose 2.Teeth 3.Eyes 4.Ears 5.Tongue **E.** feet, ears, hands, nose, eyes, taste

3. Nourishing Food

A. 1.Food 2.Plants 3.Milk 4.Dinner 5.Water **B.** 1.Food 2.energy 3.milk 4.fresh 5.fried **C.** 1.to satisfy our hunger. It gives us energy to work and play. 2.rice, pulses, fruits, etc. 3.Milk 4.Breakfast, lunch and dinner 5.because this kind of food is not

good for our health. D. Do yourself. E. food, energy, milk, teeth, avoid

4. Water

A. 1.Water 2.Plants 3.Water 4.Rain 5.Clean utensils **B.** 1.True 2.False 3.True 4.True 5.False **C.** 1.We can't live without water. We need water------ cleaning, etc. 2.It helps in digestion 3.Rain. in rivers, lakes, ponds and streams. 4.from the taps in our houses. 5.to kill the germs and bacteria.

5. Clothes

A. 1.clothes 2.cotton 3.woollen 4.umbrella 5.clean **B.** 1.cool 2.winter 3.hot 4.raincoat 5.warm **C.** woolen, cotton, raincoat, rain, uniform

6. Need of a House

A. 1.House 2.Den 3.Pucca house 4.Kachcha house 5.Bathroom **B.** 1.thieves 2.pucca 3.villages 4.kitchen 5.home **C.** 1.to live in. 2.in cities and town. 3.Kachcha house 4.bedroom 5.festivals. **D.** pucca, bedroom, bathroom, study room, festivals

7. Safety is Necessary

A. 1.safety 2.Yellow 3.zebra 4.elders 5.safety **B.** 1.footpath 2.strangers 3.gas 4.electrical 5.safety **C.** Do yourself.

8. Good Manners

A. 1.Thank you 2.Sorry 3.Please 4.Excuse me 5.Thank you **B.** 1.Respect 2.silence 3.teeth 4.waste 5.Manners **C.** 1.elders 2.teachers 3.in the morning 4.after toilet 5.while eating **D.** wakes up, obeys, neat, clean, shares, friend, good manners

9. My Family

A. 1.Father 2.Mother 3.Father 4.Parents 5.Children **B.** 1.family 2.small 3.members 4.mother 5.clothes **C.** 1.family 2.parents 3.small 4.more 5.joint **D.** small, big, members, children, neat

10. My Neighbourhood

A. 1.Neighbourhood 2.School 3.Hospital 4.Fire Station 5.Policemen **B.** Do yourself. **C.** 1.maintain law 2.doctors 3.firemen 4.shops 5.education

11. People at Work

A. Chemist, Mason, Doctor, Carpenter, Barber, Vegetable seller, Tailor, Cobbler, Teacher **B.** 1.treats the patients 2.stitches the clothes 3.mends the shoes 4.teaches the children 5.sells the medicines **C.** Doctor, Teacher, Policeman, Mason

12. Celebrations

A. 1.Diwali 2.Eid 3.Christmas 4.Republic Day 5.India **B.** Do yourself. **C.** 1.an event for the purpose of celebration. 2.Diwali 3.Muslims 4.on 25 December. 5.on 2 October.

13. Fun Time

A. 1.body 2.indoor 3.children 4.rides 5.recreation **B.** 1.False 2.True 3.False 4.False 5.True **C.** Do yourself.

14. Plants Kingdom

A. 1.tree 2.shrub 3.climber 4.creeper 5.sugarcane **B.** 1.False 2.True 3.False 4.True 5.True

15. Animals Kingdom

A. 1. Blue whale 2. Wild animals 3. Pet animals 4. Ostrich 5. Hen B. 1. False 2. True

3. False 4. False 5. True C. 1. Kennel 2. Stable 3. Coop 4. Shed 5. Nest

16. The Earth

A. 1.Earth 2.Land 3.Desert 4.Valley 5.Mountains **B.** 1.False 2.True 3.False 4.True 5.False **C.** 1.29% 2.land 3.mountain 4.water 5.island

17. The Sky

A. 1.Sky 2.Sun 3.Moon 4.Stars 5.Rainbow **B.** 1.False 2.False 3.False 4.True 5.True **C.** 1.It looks blue in colour. 2.The Sun 3.during night when it is dark. 4.millions of stars. No 5.Seven

18. How We Move

A. 1.Land Transport 2.Air Transport 3.Water Transport 4.Train 5.Aeroplane **B.** Do yourself. **C.** L, A, L, W, L, A

19. Communication

A. 1.True 2.False 3.True 4.False 5.True **B.** 1.sending 2.Letters 3.messages 4.movies 5.internet **C.** 1.exchanging of ideas 2.delivers letters 3.fastest means 4.mass media 5.video chat

20. Education

A. 1.Education 2.Dustbin 3.Principal 4.Library 5.Recess **B.** 1.True 2.False 3.False 4.False 5.True **C.** 1.in school. 2.The Principal 3.to increase our knowledge. 4.We play games 5.discipline



1. I am Growing Up

Do yourself.

2. Our Senses and Body Parts

A. Internal- 1, 2, 3, 6, 7 **External-** 4, 5, 8 **B.** 1.eyes 2.sensitive 3.brain 4.stomach 5.one **C.** 1.five 2.to smell various things. 3.Skin 4.Our hands ----- writing, etc. Our legs help ----- with our legs. 5.exercise

3. Food- Our Diet

A. 1.True 2.True 3.False 4.True 5.False **B.** 1.bones, healthy 2.non-vegetarians 3.complete 4.water 5.rinse **C.** 1.energy to do work. 2.food grains, wheat and rice. 3.The people who ------ vegetarians. 4.We should take eggs, bread-butter and milk 5.Because it can make us sick. **D.** Do yourself.

4. Water

A. 1.water 2.Plants 3.natural 4.flowing 5.precious **B.** 1.No. It is used in cooking and bathing. 2.Yes. Plants need water to grow and animals need water to drink and bath. 3.The animals that live in water. Turtle and octopus. 4.The rain 5.by the water vapours that go up in the air. **C.** Do yourself. **D.** Do yourself.

5. Clothes- Our Outfits

6. House- Our Accommodation

A. 1.True 2.False 3.True 4.False 5.True **B.** 1.to live in and protect from heat, cold, rain and wind. 2.A kachcha ------ thatch, etc. In villages. 3.These houses are fully equipped with all amenities. Bungalow and villa. 4. An igloo ------ structure. Eskimos. 5.in a tent. **C.** Do yourself.

7. Family

A. 1.Parents 2.happy 3.big 4.room 5.respect **B.** 1.A family consists of parents and one or two children. Yes 2.grandparents, parents, aunts, uncles and cousins 3.We should help them in their works. **C.** Do yourself.

8. Neighbourhood

A. 1.False 2.True 3.True 4.False 5.True **B.** 1.market, goods 2.discipline 3.hospital 4.letters 5.membership **C.** 1.A colony is a group of houses. 2.in hospital. Nurse 3.post office 4.An ATM is ------ any time. 5.A library is ----- literatures, etc. No **D.** Do yourself.

9. Different Professions

A. 1.help 2.patients 3.plumber 4.house-hold 5.engineer **B.** 1.A doctor treats the patients. 2.Painter. An electrician does electrical fittings in houses. 3.He delivers our letters at our doorstep. 4.Farmer 5.An author writes ----- for us.

10. School- A temple for Learning

A. 1.False 2.True 3.False 4.False 5.True **B.** 1.knowledge 2.to choose the books as per our interest and read them. 3.canteen 4.dedicated 5.We should maintain -----school. We should respect ------ teachers.

11. Our Festivals- Periods of Celebration

A. 1.True 2.False 3.True 4.False 5.True **B.** 1.religions 2.Ramzan 3.Lord Mahavira 4.Independence Day 5.Pt. Jawaharlal Nehru **C.** 1.The festivals which are based on different religions 2.On Christmas, people decorate ------ and relatives. On Mahavir Jayanti, people go ------ procession. 3.on 15 August, 1947. Independence Day 4.Mahatma Gandhi and Pt. Jawaharlal Nehru 5.We pay special ------ bless us. **D.** 1. September 5, 1888 2. October 2, 1869 3. November 14, 1889

12. Seasons- Phases of Nature

A. 1.False 2.True 3.False 4.True 5.True **B.** Rainy, Summer, Winter **C.** 1.tired and thirsty 2.fans and coolers 3.Orange and grapes. Pullovers, jackets, shawls, etc. 4.It comes after summer season. Raincoats, gumboots and umbrellas 5.Paths become muddy and slippery. Stomach trouble is very common in this season.

13. Our Earth

A. 1.Earth 2.plateau 3.Camel 4.river 5.Air **B.** 1.on the Earth. About 71% 2.because plains are best suited for crops. 3.a very high piece of land. Peak. 4.A small pool --- a lake. Nile River. 5.Air is a mixture ----- particles. Smoke from vehicles and pollution of industries

14. Major Directions

A. 1.direction 2.east 3.sketch 4.Gujarat 5.southern **B.** 1.way of movement 2.in the east direction. 3.A map ----- or country. 4.in the eastern most of India. 5.in the northern most of India.

15. Plants World

A. 1.trunk 2.Peepal 3.photosynthesis 4.medicinal 5.trees **B.** 1.Big and tall plants are called trees. Banyan and Neem 2.Banyan, Neem 3.Creepers grow along the ground. Ex; watermelon. Climbers grow in upward direction. Ex; grapevine 4.due to the presence of chlorophyll. 5.Food grains and pulses. Medicines and paper

16. Animals World

A. 1. False 2. True 3. False 4. True 5. True **B.** W, D, W, W, W, D **C.** 1. The animals that can be found in jungle. Lion and bear 2. Domestic animals. Dog and cat 3. The animals which give us milk. Cow and goat 4.by wool obtained from sheep. 5. We use the skin of dead animals to make leather.

17. Stay Healthy

A. 1. Wake up early in the morning. 2. A bath in the morning is really good. 3. Trim your nails regularly. 4. Throw litter in the dustbin. 5. Do not sit too close to the television. **B.** 1. teeth 2. clothes 3. hair 4. milk, proper 5. room **C.** G, B, B, G, B, G

18. Our Safety

A. 1.True 2.False 3.True 4.False 5.False **B.** 1.at the zebra crossing. 2.Yes. Such behaviour can distract the driver. 3.carefully using the handrail --- fall. 4.because it may give you a shock. 5.Yes because the strangers may kidnap you. **C.** Unsafe, Sage

19. Means of Transport

A. 1.Train 2.ships, amenities 3.animals 4.Helicopter 5.fastest **B.** 1.sledge 2.on roads. Car and motorcycle 3.Train 4.Ship and steamer. We can cross ----- of transport. 5.Air transport. Because it carries us to far off places in a very short time.

20. Means of Communication

A. 1. True 2. False 3. True 4. False 5. False **B.** 1. The process ------ communication. 2. Letters. Pigeon 3. Radio and television 4. Telephone 5. Computer. We can send e-mails ----- internet. **C.** Mobile Phone, Television, Newspaper, Computer

GO GREEN 3

1. Our Family

2. Neighbourhood

A. 1.Park 2.Hospital 3.Police station 4.Post office 5.Bank **B.** 1.experiences 2.pollution 3.market 4.medication 5.letters **C.** 1.The people who live near our house 2.Vegetables, fruits, electronic items, etc. 3.a building where patients are treated. The doctor examines ----- medication. 4.Policemen, they catch ----- lost items. 5.An ATM is an ------ hours service. **D.** 1.Nurse 2.Policewoman 3.Park 4.School

3. Our Body Parts

A short revision: hands, legs, leg, mouth, walking, running **A.** 1.hands 2.legs 3.nose 4.skin 5.tongue **B.** 1.listening to music 2.smelling flower 3.feeling of touch 4.tasting ice cream 5.watching television **C.** 1.fruits, vegetables 2.brain, commands 3.fresh, polluted 4.music, dialogues 5.sweet, salty, bitter **D.** 1.Visibal parts of our body are called external body parts. For ex: eyes, ears and hands. Invisible parts of our body are called internal body parts. For ex: brain, lungs and heart. 2.lips, teeth and tongue. Four. Sweet, salty, sour and bitter. 3.Five. Eyes, ears, tongue, nose and skin. 4.Our heart helps ------- our body. 5.Skin. It helps us ------- injured.

4. Take Care of Our Body

A. Do yourself. **B.** 1.comb and oil 2.sunglasses and umbrella 3.toothpaste and toothbrush 4.dustbin 5.nail cutter **C.** 1.to stay healthy. 2.Because it can be harmful for our eyes. 3.Do yourself. 4.with fresh and clean water. 5.Because if the meal --------- cause cavity. **Test your memory:** comb, toothbrush, dustbin, umbrella, oil

5. Our Food

A. 1.Food 2.A balanced diet 3.Body-building food 4.Milk 5.Preservative food **B.** 1.healthy 2.non-vegetarians 3.body-building 4.milk 5.half-eaten **C.** 1.to grow and stay healthy. It gives us energy to work and play. 2.People who eat ------- non-vegetarian. 3.A nutritious ------ balanced diet. 4.Foods rich in vitamins and minerals. These foods protect our body from diseases. 5.by freezing, drying, canning or salting. **D.** Wheat- Veg, Chicken- Non-veg, Moong- Veg, Banana- Veg, Eggs- Non-veg, Apple- Veg, Potato- Veg, Meat- Non-veg, Butter- Veg

6. Our Clothes

A. 1.False 2.True 3.False 4.False 5.True **B.** 1.dressing 2.Jammu and Kashmir, Phiran 3.Pagdi 4.Bengali, keys 5.beauty **C.** 1.Indian men wear ------- kameez. 2.The people living in ------- woolen shawls. 3.Bengali women 4.The men in Maharashtra ------ other states. 5.The men of Kerala ------ Lungi. **Activity:** Ghagra-choli-Rajasthan, Mundu-Tamil Nadu, Pagdi-Gujarat

7. Our Houses

A. 1.Caravan 2.Houseboat 3.Pucca Houses 4.Bathroom 5.Igloo **B.** 1.calamity 2.Tents 3.Flats 4.Drawing room 5.healthy **C.** 1.Some people move here -------caravans. 2.Caravan and houseboat. Caravan is a house ------ van. A houseboat ------- surface. 3.These houses ------- a long time. 4.They occupy less space. 5.by sweeping and mopping.

8. Water

A. 1.eight 2.Farmers 3.solid 4.water 5.bath **B.** 1.taste 2.electricity 3.glacier 4.water vapour 5.drinking **C.** 1.to stay alive. Uses: for drinking, for bathing and for washing. 2.Ice is a solid form of water. The water in the gaseous form is called water vapour. 3. a moving mass of snow and ice. It is found in very cold areas. 4.There might be -----you ill. 5.Don't throw rubbish ------ with lid. **D.** Do yourself.

9. Recreation

A. 1.football 2.cricket 3.chess 4.carrom 5.swing **B.** 1.recreation 2.outside 3.circus, stunts 4.water rides 5.chat **C.** 1.to keep our body and mind active. 2.We all like ------ recreation. 3.The games which we play outside are called outdoor games. For

ex; cricket and football. The games which we play inside our house are called indoor games. For ex; chess and carrom. 4.to watch many bold ------ actions. 5.Computer. Chat.

10. Plants' World

A. Mint- Herb, Mango- Tree, Myrtle- Shrub, Radish- Herb, Kikar- Tree, Watermelon- Creeper, Money plant- Climber, Pumpkin- Creeper **B.** 1.sunlight 2.shrubs 3.Climbers 4.aquatic 5.bamboo **C.** Cactus, Lotus, Coconut, Fir **D.** 1.The stem of a tree. Brown 2.Shrubs are small plants with hard stems. For ex; rose. Herbs are very small and week with soft and green stems. For ex; radish 3.The plants that grow in water. For ex; tapegrass and lotus 4.We get our food plants. We get several medicines from plants. We get wood to make furniture. Cardamom, black pepper and cloves

11. Animals' World

A. 1.Blue-whale 2.Lion 3.Fish 4.Hen 5.Tiger **B.** 1.Domestic 2.Herbivorous 3.Scavengers 4.leather 5.animal **C.** 1.lion and tiger 2.zebra and deer 3.bear and crow 4.vulture and hyena **D.** 1.Wild animals live in the forests. For ex; lion and giraffe. Domestic animals live in or near our house. For ex; cow and cat 2.Animals that live in water. For ex; fish and octopus 3.Carnivores eat flesh only. For ex; lion. Scavengers eat the flesh of dead animals. For ex; vulture. 4.Zebra and giraffe are herbivores. Dog and bear are omnivores. 5.Blue-whale is the largest and Cheetah is the fastest.

12. Insects and Birds

A. 1.Insect 2.Honeybee 3.Tailor bird 4.Weaver bird 5.Penguin **B.** 1.Mosquitoes 2.eight 3.Cuckoo 4.penguin 5.flight **C.** 1.social insect 2.breed in standing water 3.stitches its nest 4.dome-shaped nest 5.lives on snow **D.** 1.Insects are small creatures having six legs. 2.to lay eggs. 3.Wings help ----- its shape. 4.Cuckoo. No 5.on snow.

13. Invention of Wheel

A. 1.three 2.four 3.four 4.two 5.three **B.** 1.True 2.False 3.True 4.False 5.True **C.** 1.early, farming 2.plank 3.spokes 4.windmill 5.invention **D.** 1.either on himself or on animals. 2.a wooden plank with no wheels. 3.The round tree trunk 4.to make pots and other pottery, in transport and running windmill. 5.car, bus and motorcycle

14. Our Transport

A. 1.Air 2.Water 3.Land 4.Land 5.Water 6.Air **B.** 1.invention 2.railway 3.cheapest 4.aeroplane 5.transport **C.** 1.to go from one place to another. They used sledge 2.on the railway tracks. Train 3.the first step ------ transport. Ship and boat 4.We can go ------ few hours. 5.to travel short distances. In areas that are difficult to reach like jungles and high mountains.

15. Communication

A. 1.True 2.True 3.False 4.True 5.False **B.** 1.pigeons 2.telegram 3.STD 4.satellites 5.banking **C.** 1.Postal Index Number Code 2.Subscriber Trunk Dialling 3.International Subscriber Dialling **D.** 1.Communication is a process -------feelings. 2.a telegram 3.We can carry it anywhere. We can send text ------ mobile phone. 4.Internet. We can send e-mails ------ of internet. 5.The

communication which is done by mass media like television and newspaper. Through this, the messages can be ------ same time.

16. Maps and Directions

A. 1.location 2.cartographer 3.maps 4.South 5.Indian Ocean **B.** 1.A map is ------- of paper. 2.A map which shows ------- physical map. A map which shows ------ political map. 3.is a book that contains different types of maps. 4.East, West, North and South. Gujarat lies in the West. 5.The houses in a colony are said to be situated in neighbourhood.

17. The Earth, Sun, Moon and Sky

A. 1.Solar system 2.Earth 3.Sun 4.Moon 5.Ursa Major **B.** 1.Sun 2.revolution 3.sunlight 4.moon 5.bigger **C.** 1.Eight. Mercury ------- Neptune. 2.(a) Rotation: The Earth moves ------ night. (b) Revolution: The movement ----- same time. 3.Eight minutes. Plants make their ----- live and grow. 4.The moon is not visible ----- full moon light. 5.The group pf stars forming a definite pattern. Orion and Ursa Major.

GO GREEN 4

1. Human Body

2. Healthy Habits

A. 1.Nose 2.Eyes 3.Skin 4.Tongue 5.Ears **B.** 1.waterproof 2.germs 3.television 4.sounds, balance 5.stomach **C.** 1.We must trim our nails regularly. 2.We must wash our eyes several times a day. 3.Our ears also act as organs of balance. 4.We should ------ our nose. 5.We should clean our tongue ------- cleaner. **D.** 1.to keep healthy. 2.Skin. We should use a handkerchief or a bud. 3.Ears allows us ------ balance. Because it can damage our eardrum. 4.Because it can stick to the nostrils and stop us to take breathe. 5.Our tongue helps us to eat and speak. We can clean it by tongue cleaner.

3. Our Food

A. 1.rice and wheat 2.clove and coriander 3.complete food 4.arhar and udad 5.mango and orange **B.** 1.food, growth 2.food grains 3.spices 4.coffee, nicotine 5.diseases **C.** 1.False 2.False 3.True 4.False 5.True **D.** 1.Ears allow ----- sounds. 2.Our nose is ---- smell 3.We ----- our nose. 4.We must brush our teeth. **E.** 1.We need food ------- diseases. 2.Cereals are ------ examples of cereals. All pulses are called food grains. All dals like ----- examples of pulses. 3. Milk. It helps us to grow ------ diseases. 4.The foods which ------ building foods. For ex; milk and

fish 5.Because if we don't ------ fall ill. **F.** 1.banana and pineapple 2.eggs and meat 3.rice and wheat 4.milk and cheese.

4. Water

A. 1.Earth 2.Rain 3.Sun 4.harmful 5.clean **B.** 1.digestion 2.natural 3.rain 4.drinking 5.garbage **C.** 1.Life can't be possible without water. 2.Plants need ------food. 3.The rain water ------ water 4.Water cycle is a continuous process. 5.Chlorine is added ------- bacteria. **D.** 1.Water 2.Leaves 3.70 4.Rain 5.Cholera **E.** 1.due to the presence of water. 2.Plants need water to grow and make their own food. Animals need water to drink and bath. 3.Yes. This water is extracted through wells, tube wells and hand pumps. 4.The heat of the Sun ------- continuous process. 5.Today, water is getting ------- water pollution. There are several ways ------- source of water.

5. Houses

6. People in a Profession

A. 1.Doctor 2.Cobbler 3.Motor mechanic 4.Carpenter 5.Barber **B.** 1.money 2.School 3.designs 4.engineer 5.potter **C.** 1.False 2.False 3.True 4.True 5.False **D.** 1.Any work which helps us in earning money 2.Hospital, doctor 3.An industry can be ------ products. 4.teacher, doctor and carpenter. Do yourself. 5.In cattle farming ----- and leather. **E.** 1.Doctor 2.Tailor 3.Nurse 4.Teacher 5.Carpenter 6.Barber 7.Motor mechanic 8.Civil engineer

7. Parts of Plants

A. 1.roots 2.Fibrous 3.above 4.soft 5.fruits **B.** 1.roots 2.stem 3.leaves 4.Flower 5.fruit **C.** 1.False 2.True 3.False 4.True 5.False **D.** 1.mustard plant 2.stomata 3.wheat plant 4.beautiful part of the plant 5.banyan **E.** 1.Fibrous roots 2.Veins 3.Stem 4.Fruits 5.Tap root 6.Seeds 7.Leaves 8.Flower **F.** 1.Root is ------ ground. The roots hold ------- plant's growth. 2.The stem grows above ------ the plant. 3.because the leaves make food for the plants. The leaves are green ---------- chlorophyll. 4.The flat and broad -------- called stomata. 5.Annual plants: These plants ------- gram, etc. Perennial plants: These plants ------- peepal, etc.

8. Parts of Animals

A. 1.Sweet 2.Dogs and cats 3.Milk teeth 4.Incisors 5.Canines 6.Lion 7.Beak 8.Woodpecker **B.** 1.tongue 2.face 3.rear, premolars 4.chameleon 5.claws **C.** 1.False 2.False 3.False 4.False 5.True **D.** 1.Tiger- Canines 2.Cow- Sharp, flat and wide

3.Horse- Sharp, flat and wide **E.** 1.sweet, salty, sour and bitter 2.The taste buds are present on our tongue. The taste buds tell ------ or bitter. The taste buds on the front ------ sweet taste buds. The taste buds on the rearmost ------ bitter taste buds. 3.We must brush our teeth ------ dentist regularly. 4.We cut or bite ----- grinding of food. Sharp and pointed canines 5.Herbivorous birds like parrot ------ tearing up of the flesh.

9. Shelter of Animals

A. 1.Cow, Buffalo 2.Dog, Cat 3.Lion, Elephant 4.Octopus, Sea horse 5.Frog, Turtle **B.** 1.shed 2.arboreal 3.nocturnal 4.nest 5.desert **C.** 1.False 2.True 3.False 4.True 5.False **D.** 1.The animals that live on land. For ex; cow, dog and elephant. 2.The animals that can be kept ------ domestic animals. Pet animals are ----- our home. 3.Some animals like monkeys ------ arboreal animals. 4.A camel can survive ----- its hump. 5.The animals that can live both ------ nocturnal animals.

10. Map and its Types

11. Means of Transport

12. The Role of Animals in Transport

13. Physical Features of India

A. 1.The Himalayas 2.The Kanchenjunga 3.The Northern Plains 4.The Great Indian Desert 5.Jog Falls B. 1.Dal Lake 2.the house of snow 3.capital of Rajasthan 4.diamond mines 5.major port C. 1.Himalayas 2.camel 3.cotton, oilseeds 4.Marina 5.Bay of Bengal D. 1.True 2.False 3.False 4.False 5.True E. 1.China 2.8597metres and 8848metres. 3.The Andaman and Nicobar islands F. 1.Himachal Pradesh, Uttrakhand and West Bengal 2.the houseboats sailing on Dal Lake 3.in the state of Rajasthan, stretching further into Pakistan. 4.Bangalore is famous for computer software development and Chennai is famous for its second longest beach in the world, Marina beach. 5.lies between the Bay of Bengal and the Eastern Ghats. In the Arabian Sea.

14. Natural Resources

A. 1.soil 2.Black 3.Forests 4.Crude oil 5.Diamond B. 1.food 2.Alluvial 3.Sunlight 4.forest 5.CNG C. 1.False 2.False 3.True 4.True 5.False D. 1.suitable for cactus 2.wind energy 3.drinking 4.LPG and CNG 5.most valuable E. 1.The resources which can be recycled ------- never get exhausted. The resources which cannot be recycled ------ will get exhausted. 2.Soil is a very important ------ living beings. Alluvial Soil, Black Soil, Red Soil, Laterite Soil and Desert Soil. 3.Sunlight is a renewable natural ------- solar cooker. 4.to make petrol, diesel, kerosene, cooking gas, etc. 5.It is used in the form of LPG (Liquified Petroleum Gas) ------- free fuel.

15. Recycling of Waste

A. 1.non-biodegradable 2.biodegradable 3.biodegradable 4.non-biodegradable 5.biodegradable **B.** 1.garbage 2.dispose off 3.biodegradable 4.cloth 5.environment **C.** 1.True 2.False 3.False 4.True 5.True **D.** 1.The solid waste is termed as garbage. 2.The waste which is obtained from plants and animals ------ of biodegradable waste. The waste which is not obtained ----- non-biodegradable waste. 3.The garbage collector. In the big garbage bins located at various locations in the cities. 4.because polythene bags are non-biodegradable. 5.Recycling is the process of making new things ------ reduces pollution.

16. Great Indian Personalities

17. Some Great Inventors

A. 1.Railway 2.Telephone 3.Aeroplane 4.Graham Bell 5.Marconi **B.** 1.Wilbur and Orville, aeroplane 2.telephone 3.American Centennial Exposition 4.radio transmitters **C.** 1.False 2.True 3.False 4.False 5.True **D.** 1.aeroplane 2.radio 3.steam engine 4.telephone **E.** 1.When someone has a new ------ invention. Wright Brothers 2.One day, he was walking in Glasgow ------- a steam engine. 3.an aeroplane. In 1890, they heard about ------ on aircraft. 4.in Physics for his work in wireless telegraphy. 5.Alexender Graham Bell was a ------ Scotland.

GO GREEN 5

1. Human Body

A. 1.Skeleton 2.Spinal Cord 3.Nervous System 4.Spine 5.Cerebrum **B.** 1.skeleton 2.brain 3.spine, nerves 4.brain 5.cerebellum **C.** 1.True 2.False 3.False 4.False 5.True **D.** 1.bony framework 2.control centre of body 3.protected by the backbone 4.largest part of the brain 5.made up of 33 small bones **E.** 1.The skeleton performs various functions: ------ internal organs of our body. The skull ----- of the brain. 2.Ribs make a cage ------ rib cage. Rib and sternum ------ breathing. 3.Muscle are bundles ------ 650 muscles in our body. The muscles are attached ---- tendons. 4.The nerves carry information ------ food and water. 5.Cerebrum, cerebellum and medulla. Cerebellum lies below ------- movements of our muscles.

2. Human Body-2

A. 1.Skin 2.Heart 3.Tongue 4.Stomach 5.Arteries **B.** 1.food, teeth 2.diaphragm 3.digestion 4.bladder 5.oxygen, nutrients **C.** 1.tongue 2.lungs 3.narrow 4.kidneys 5.veins **D.** 1.main part of circulatory system 2.filters of the body 3.blue blood vessels 4.red blood vessels 5.J-shaped bag **E.** 1.The process of breaking ------digestion. In our mouth as we chew the food with our teeth. 2.The process of breathing ------ respiration. The nose, windpipe ---- respiratory system. 3.A diaphragm is ------ breathing. 4.The arteries carry blood ------- is completed. 5.The system that collects ------ excretory system. Lungs, skin and kidneys

3. First Aid

4. Food and its Types

5. Deficiency Diseases

A. 1.bacteria 2.rat 3.protiens 4.VitaminA 5.iodine **B.** 1.germs 2.breathes 3.sunlight 4.resistance 5.Pasteurization **C.** 1.child looks dull and weak 2.lack of iodine 3.communicable disease 4.swollen and bleeding gums 5.lack of Vitamin D **D.** 1.False 2.True 3.True 4.False 5.True **E.** 1.Some diseases spread ------- infectious diseases. For ex; common cold and chicken pox. Some diseases do not ------ non-communicable diseases. For ex; marasmus and night blindness. 2.Food poisoning, diarrhoea, cholera, typhoid, etc. 3.Difficulty in seeing ------- becomes dry. Beri-Beri is a nervous ------- of this disease. 4.1.Germs spread in dirty surroundings ------ neat and clean. 5.Pasteurization is done so the milk ------- fight against the diseases. **F.** 1.Marasmus 2.Night Blindness 3.Rickets 4.Goitre 5.Scurvy **Activity:** 1.Marasmus 2.Protiens or carbohydrates 3.Groundnuts, fruits, green vegetables and skimmed milk.

6. People in a Profession

7. Interdependence of Living Beings

A. 1.cotton plant 2.cinchona tree 3.protiens 4.herbivores 5.rainy season **B.** 1.biotic, abiotic 2.acacia, adhesive 3.plant-eaters 4.decomposers 5.industries **C.** 1.plants and animals 2.air, water and sunlight 3.herbivores 4.cutting of trees 5.Gujarat **D.** 1.False 2.False 3.True 4.False 5.False **E.** 1.The living beings on the Earth ------------ abiotic components of the environment. 2.Plants are called producers. Animals consume plants --------- consumers. 3.We know that a lion -----------food chain. In the picture -------- eats the snake. 4.Carnivorous animals eat only -------- and animals. 5.Cutting down of forests is called deforestation. Afforestation is needed to restore the balance in ecosystem. **F.** Do yourself.

8. Natural Calamities

A. 1.Drought 2.Tsunami 3.Floods 4.Earthquakes 5.Cyclones **B.** 1.calamities 2.water, communication 3.drought 4.seismometer 5.harbour wave **C.** 1.True 2.False 3.False 4.False 5.False **D.** 1.A disaster caused due to nature. Floods and earthquakes. 2.An earthquake is a series ------- surface.1.Whe the earthquake occurs ------ than the main. 3.Tsunamis are very huge -------- mankind and wildlife. Floods are caused by the overflowing ------ get affected. 4.UNICEF:This organization provides ------ victim children. Red Cross Society: This is an ------- settle down again. 5.Epidemics occur when ----------- short span. Doctors and policemen.

9. Traditional Games and Arts

10. States of Matter

A. 1.microscope 2.atom 3.volume 4.dry ice 5.density **B.** 1.molecules 2.chemical 3.solvent 4.liquids, solids 5.liquid **C.** 1.False 2.True 3.False 4.False 5.True **D.** 1.smaller units of molecules 2.made up ----- atoms 3.alcohal and glycerine 4.dry ice 5.tiny particles **E.** 1.All matter is ------- molecules. The space between the molecules is called intermolecular space. 2.An elephant ------ same kind. A compound is ------ of atoms. 3.Solid:brick, liquid:water and gas:oxygen. 4.Some liquids like alcohol ------ immiscible liquid. 5.Volume is the amount of space occupied by an object. The heaviness ------ its density.

11. Force and Energy

A. 1.force 2.size 3.gravitational 4.Muscular 5.potential **B.** 1.force 2.shape 3.smooth, easily 4.electrical 5.hydroelectricity **C.** 1.True 2.Flase 3.True 4.False 5.True **D.** 1.push or pull on an object 2.generated by flowing water 3.exerted by ---- magnet 4.discovered ----- Newton 5.static energy **E.** 1.A push or pull on an object is called a force. We can move any object, slow down the speed of anything, change the direction of anything, change the shape and size of any object. 2.Gravitational force, frictional force and magnetic force. The force exerted ------- magnetic force. 3.Gravitational force can be defined ------ to the Earth. Sir Isaac Newton 4.The opposite force ------- friction. Rough. 5.The ability to do work is called energy. There are various forms of energy ------- position or movement.

12. Simple Machines

A. 1.Second class lever 2.Wedge 3.Axle 4.Fixed pulley 5.Screw B. 1.machine, muscles 2.fulcrum, load 3.wheel 4.edge 5.Inclined plane C. 1.False 2.False 3.True 4.True 5.False D. 1.scissors 2.axe 3.used ---- well 4.sloping ramp 5.looks like a nail E. 1.A simple machine ------- applied on it. Lever and pulley 2.In the second class ------ will be less. In the third class ------ than the load. 3.A pulley is ------ grooved wheels. It is used mainly in drawing water from a well. 4.Inclined plane is a flat plane with its one end higher. An inclined plane is generally ------- underground parking. 5.A wedge is ------ apart. It is used in cutting things or for stitching like a needle.

13. Indian Monuments

- A. 1.Gol Gumbaz 2.Sun Temple 3.Taj Mahal 4.Buland Darwaza 5.Sanchi Stupa
- B. 1.ancient, monuments 2.Ustad Isa 3.victory 4.Ashoka, lions 5.Hawa Mahal
- C. 1.Shah Jahan 2.Qutb-ud-din Aibak 3.Maharaja Sawai Pratap Singh 4.King

Narsimhadeo 5.Shah Jahan **D.** 1.The Sanchi Stupa. It is said that ------ of Mahatma Buddha. 2.in Bijapur district of Karnataka. The chief attraction ------ any pillars. 3.Mumtaz Mahal was the beloved wife of Emperor Shah Jahan. The best of artisans from all over the world. 4.in Jaipur. Maharaja Sawai Pratap Singh 5.Mughal Emperor, Shah Jahan. The Fort has two ------- private meetings

14. Symbols of Nation

A. 1.3:2 2.triumphs 3.Jana-gana-mana 4.15 years 5.Bird **B.** 1.National 2.sacred, mythology 3.Rabindra Nath Tagore 4.tiger, Royal 5.official **C.** 1.True 2.False 3.False 4.True 5.False **D.** 1.Rectangular. It is a symbol of courage ------ of our country. 2. Lion of Sarnath. It has been taken from the Sarnath Lion capital erected by Ashoka. 3.due to its grace ------ power. 15 years. 4.Late Rabindra Nath Tagore. It inspires us to remain united. 5.Lotus.Lotus, botanically -----shallow waters.

15. Memorable Days

16. Our Government

17. Conservation of Natural Resources

A. 1.rocks 2.topsoil 3.forests 4.minerals 5.jewellery B. 1.nutrients 2.Topsoil 3.air, natural 4.inorganic 5.crude oil, Earth C. 1.False 2.True 3.False 4.False 5.True D. 1.planting more trees 2.essential ----- growth 3.followed in hilly areas 4.used in ------ vehicles 5.used to ------ glass E. 1.by weathering of rocks. 2.The protection of soil against erosion. Afforestation, trees and plants strips, bunds, etc. 3.The cutting down of --------- deforestation. Afforestation, preventing overgrazing and special efforts like Chipko Movement and Appiko Movement. 4.Rocks are hard ------- in the Earth. Minerals are the inorganic ------- out the minerals. 5.Coal is derived ------- swamps. Petroleum is a black liquid ------