

Q.Answer the following questions:

- 1.Explain wandering of seeds.
- 2.Do humans also help in seed dispersal ? How? Give example.
- 3.All seeds do not grow into new plant. Why?
- 4.Can human beings also be a threat to animals? How?
- 5.Why are national parks important for animals?
- 6.Distinguish between epigeal and hypogeal germination.
- 7.Distinguish between manures and fertilizers.
- 8.How do insects spread diseases?
- 9.Why do plants and seeds need different conditions to grow?
- 10.Is migration important?
- 11.How do birds fly?
- 12.What is haemoglobin?
- 13.Explain body covering of few animals ,which live in mountains.
- 14.Explain breathing organs of paramecium and amoeba.
- 15.How do insects breathe?
- 16.Explain the movement of penguin.
- 17.Give some examples of animals which migrate.
- 18.How is whale different from a fish even though both are aquatic animals?
- 19.How is the movement of penguin different from that of other birds?
- 20.With the help of diagram explain different types of feathers of bird.
- 21.How many pairs of legs do insects have?
- 22.What is the only food that can never go bad?
- 23.Write different ways to preserve food.
- 24.How do you judge food? By taste, appearance ,smell or feel.Can food be delicious if it looks terrible?

Q25. Fill in the blanks:

- a..... feathers keep birds body warm..
- b.People who kill animals are called.....
- c..... feel the vibrations on the ground.
- d.Seed leaves are also known as.....
- e.All the grains that we eat are.....
- f..... is the largest seed in the world.
- g..... destroy the bread.
- h.Strawberries have aouter coat.
- i.....is called champion of migration.
- j. Insects such ashop with their hind legs.
- k. Water insect like swims in water.
- l.....can breathe in water as well as on land.
- m.Octopus move with.....
- n.Outer covering of seed is called.....
- o.A plant can be grown by layering.
- p..... has one cotyledon.
- q.Pea and wheat are examples of.....crops.
- r..... crops do not require much water.
- s..... is an example of manure.

Q26. Name these:

- a.A bird with eyes in front of its head
- b.Animal which warn other animals in danger
- c.Animals which are less in number
- d.A female mosquito that cause dengue
- e.Two monocot seeds
- f.Two dicot seeds
- g.It grows in hilly areas
- h.Openings on the body of insects to breathe
- i.A fertilizer
- j.Amount of water vapour present in air.
- k.Animal that help in catching thieves.
- l.Acids present in our stomach.
- m.Other name of common salt.
- n.Largest mammal on land
- o.Non flowering plant
- p.Non green plant
- q.Largest seed in the world.
- r.Fruit with many seeds
- s.Animal breathe with lungs
- t.Animal with antennae

- u. A fruit with no seed.
- v. Plant with red colour leaves
- w. A substance present in grass that can be digested by herbivorous only.
- x. Control centre of human body.
- y. Weight of human brain
- z. Number of bones in human body.

Q27. Define:

- a. Dispersal of seed
- b. Pollination
- c. Crop
- d. Cross pollination
- e. Agriculture
- f. Self pollination
- g. Irrigation
- h. Anther
- i. Harvesting
- j. Style
- k. Weedicides
- l. Complete flower
- m. Pesticides
- n. Incomplete flower
- o. Weeds
- p. Monocotyledon
- q. Stock
- r. Dicotyledons
- s. Scion
- t. Fertilization
- u. Crop rotation
- v. Radicle
- w. Hypogeal germination
- x. Nectarivorous animals
- y. Plantations
- z. Insecticides

Q28. Distinguish between:

- a. Endangered animals and extinct animals
- b. Nectarivorous and insectivorous animals
- c. Embankment and terrace farming
- d. Respiratory system and nervous system
- e. Radicle and plumule
- f. Spiracles and gills
- g. Kharif and rabi crops
- h. Mammals and reptiles
- i. Padded feet and webbed feet
- j. Weedicides and pesticides
- k. Sexual and asexual reproduction
- l. Herbivorous and carnivorous animals
- m. Nocturnal and diurnal animals
- n. Hibernation and aestivation
- o. Biodegradable and non biodegradable things
- p. Fats and Minerals
- q. Harvesting and irrigation
- r. Tap root and fibrous root
- s. Excretory system and digestive system
- t. Stem and underground stem

Q29. Give reason:

- a. We should boil milk before drinking
- b. Coconut seed is heavy but it easily floats in water
- c. Soil is a valuable natural resource
- d. Clothes take longer to dry on a humid day
- e. Snake cannot move on smooth surface.
- f. Plants are called autotrophs.
- g. Herbivorous animals do not have canines.
- h. Cactus has spines.
- i. Blood of insects is white in colour.
- j. Owl is called nocturnal animals.
- k. We should chew our food properly.
- l. We should drink a lot of water.
- m. We should take balanced diet.
- n. Gargle your mouth after every meal.
- o. A two month baby does not eat chapatti.
- p. Food should be cooked properly.
- q. Do not heat the food again and again
- r. We feel acidity when we eat oily food
- s. Dispersal of seed is essential for growth of plant
- t. Dandelion is dispersed by air
- u. Farmers use fertilizers or manures to the field

Q30. Give two examples of each:

- a. Mammals
- b. Herbivores
- c. Kharif crop
- d. Rabicrop
- e. Vegetative reproduction
- f. Sense organs
- g. Organs in pair
- h. Organs single in number
- i. Nectarivorous animals
- j. Limbless reptiles
- k. Reptiles with short legs
- l. Flightless bird
- m. Migrating birds
- n. Plants that grow through leaves
- o. Parts of flower

p.Fertilizersq.Manuresr.Biodegradable waste

Q31.Draw ,colourand label:

- a.Parts of flowerb.Parts of seedc.Types of feathersd.Taste buds on tongue
- e.Water cyclef.Germination of seedg.Photosynthesish.Parts of leaf

Q32.Activity:

- a.Collect some seeds and paste them in scrap book and write about each.
- b.Cut and paste 2 pictures of each arboreal animals, aerial animals, amphibians, aquatic animals, mammals, reptiles in scrap book.
- c.Visit a zoo in your city ,make a report in scrap book and paste pictures.

Q33.Write two effects of each:

- a.Throwing garbage outside the dustbin.b.Throwing water bottles in the rivers.
- c.Using non pollution check vehicles.d.Listening loud music.

Q34.Correct the false statement:

- a.Seed can germinate in the absence of sunlight.b.Tea and coffee grow ell in plains.
- c.Peas scatter with water. d.Whales and dolphin breathe through their moist skin
- e.Fishes breathe with the help of scales. f.Snakes have limbs as well as scales which help in movement. g.Excessive use of fertilizers of is good for crops.
- h.Medicago is dispersed by air. i.Fish lay only one egg at a time.
- j.Young one that comes out form the egg of frog is called pupa.
- k.A tadpole looks similar to an adult frog. l.Animals reproduce by laying eggs only.
- m.Tadpoles breathe with lung. n.Bryophyllum grows through stem.
- o.Seed can germinate in in very high temperature. p.Aquatic birds have toes with claws.
- q.Insects breathe through nose. r.Man has one pair of limb
- s.Digestion starts from stomach. t.Potato is a vegetable.
- u.Largest gland in human body is salivary gland.

Q35.Write diseases caused by deficiency of vitamins, minerals, proteins and carbohydrates.

Q36.Prepare list and write blood group of your family members and mention the rare blood group, universal donor and universal acceptor.

Q37.Conduct the given experiments and write your observation...

- a.Light travels in a straight line b.Shadow always form on the opposite side of light source.

Q38.Write a note on “Yoga Day” . (Write its effects on health, what will you do on that day etc:)

Q39.The tiger is one of the most alert animals . And yet today tigers are in danger . What do you think are some of the dangers to tigers in the jungle?

Q40.Write a short note on Covid -19.(what were the consequences of it, why did it spread?)

Q41.Project work(with waste material)

- a.Make a model of lungs.(roll no.1 to 7)
- b.Make model of internal structure of seed.(roll no.8 to 14)
- c.Make a model of digestive system.(roll no.15 to 21)

Q42Activity:

- a. Grow any three plants by the process of vegetative reproduction and bring in school.
- b. Paste pictures related with smart city “Dehradun” and write its effects on environment in scrap book.
- c. Prepare a report on “Valley of Flowers” in scrap book. (include details like types of flowers found there, their colour, adaptations etc.)
- d. Paste wrappers of chips , namkeen , biscuits, and toffees in scrap book and write the amount of nutrients we get from each.
- e. Make a chart on (any one): Soil conservation , Good food habits, Germination, Protection of animals.

Q43. Make your own diet chart for a week on A-3 size sheet.

Q44. In which season malaria is more common and why?

