

**JASWANT MODERN SR.SEC.SCHOOL SUMMER HOLIDAY HOMEWORK SET-A (2025-26)**

**CLASS-5 SUB-SCIENCE**

**Q1.** 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. Dicotyledon       | s. Scion                | t. Fertilization     |
| u. Crop rotation       | v. Radicle           | w. Hypogeal germination |                      |
| x. Nectavorous animals | y. Plantations       | z. Insecticides         |                      |

**Q2.** 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 a ..... outer coat.  
i. .... is called champion of migration.    j. Insects such as ..... hop 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.

**Q3.** 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. Acid 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.   |   |

**Q4.** 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?

**Q5.**Distinguish between:

- |  |   |
|--|---|
| a.Endangered animals and extinct animals     | b.Nectavorous and insectivorous animals |
| c.Embankment and terrace faming              | 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             |

**Q6.**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    |   |

**Q7.**Give two examples of each:

- |                       |                                   |                            |                   |                           |
|-----------------------|-----------------------------------|----------------------------|-------------------|---------------------------|
| a.Mammals             | b.Herbivores                      | c.Kharif crop              | d.Rabi crop       | e.Vegetative reproduction |
| f.Sense organs        | g.Organs in pairs                 | h.Organs single in number  |                   |                           |
| i.Nectavorous 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.Calcium         |                           |

**JASWANT MODERN SR.SEC.SCHOOL SUMMER HOLIDAY HOMEWORK SET-B (2025-26)**

**CLASS-5 SUB-SCIENCE**

**Q1.** Unscramble the words:

- a. GLOHAEBINMO    b.NEGIEHY    c.IONTACCIVAN    d.IONTAUFMGI    e.CLOHEAR  
f. EIBR-EIBR    g.SURVCY    h.ENGDU    i.HTAMSA    j.BETISYO    k.ISDEASE    l.ALAMRIA  
m.IRCKEST    n.ARCOBYHRDAETS    o.FDOO    p.ROPEINTS    q.IDGESIONT    r.EERXCSIE  
s.UNTRIENS    t.ATSF    u.GRIACLURUTE    v.INDW    w.OCOCUTN    x.LISUNGHT  
y.EBMRYO    z.EEDSS

**Q2.** Draw, colour and label:

- a. Parts of flower    b. Parts of seed    c. Types of feathers    d. Taste buds on tongue  
e. Water cycle    f. Germination of seed    g. Photosynthesis    h. Parts of leaf    i. Fibrous root and tap root  
j. Spiracles present on insects bodies    k. Animal with fur present in body

**Q3.** 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.

**Q4.** 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.

**Q5.** Write diseases caused by deficiency of vitamins, minerals, proteins and carbohydrates.

**Q6.** Prepare list and write blood group of your family members and mention the rare blood group, universal donor and universal acceptor.

**Q7.** 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.

**Q8.** Write a note on "Yoga Day" . (Write its effects on health, what will you do on that day etc:)

**Q9.** The tiger is one of the most alert animals . And yet today tigers was in danger . What do you think we should do to save animals in the jungle?

**Q10.** Write a short note on Covid -19.(what were the consequences of it, why did it spread)?

**Q11**Activity:

- 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 “Natural disasters caused by humans” in scrap book. (include details)
- 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.
- f. What should we do to protect ourselves from malnutrition?
- g. What is the difference between Malnutrition and under nutrition?
- h. Different types of crops are grown in different seasons in India .Find out and write the main cereal crops grown in winter season in Northern part of India.
- i. Find out the breathing organs of any ten animals , insects and write about each.
- j. Our backbone consists of many small bones called vertebrae. If our backbone would be a single long bone in place of these small bones , then what would happen?:
- k. Collect some seeds and paste them in scrap book and write about each.
- l. Cut and paste 2 pictures of each arboreal animals, aerial animals, amphibians, aquatic animals, mammals, reptiles in scrap book.
- m. Visit a zoo in your city ,make a report in scrap book and paste pictures.
- n. Catch a butterfly using a fly net. Put it in a small glass container. Make many holes on the lid of the glass container for the air to pass. Observe the movements of the butterfly its legs, eyes ,wings and write. Make sure to let the butterfly out of the glass container after making the observations.

**Q12.** Make your own diet chart for a week on A-3 size sheet.

**Q13.** In which season malaria is more common and why?

**Q14.** How are microbes useful for us? Make a list.

**Q15.** How do farmers select healthy seeds?

**Q16.** We all know banana does not have seeds. How do they reproduce?

**Q17.** Collect and write information on Penicillin.

**Q18.** List out the names of diseases common in your area .

**Q19.** 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)
- (Do this work in thin separate notebook and revise for unit exams)