

## General Science (English Medium) - 5th Class Science English Medium Full Book

Q1. What are monocot plants?

**Ans 1:** The flowering plants whose seeds have one cotyledon are called monocot plants. e.g. sugarcane, wheat, rice, bamboo, maize etc.

Q2. What is environmental pollution.

**Ans 1:** Any change in the environment which is harmful for living things is called environmental pollution. The substances that cause pollution are called pollutants.

Q3. What is the shape of a shadow of a rotating object.

**Ans 1:** The shadow of a rotating object is circular in shape and slightly lighter.

Q4. Define Solute.

**Ans 1:** The substances that dissolve in water in less quantity are called solute. e.g. sugar, salt.

Q5. Define cross-pollination.

**Ans 1:** If pollen grains are transferred from the flower of one plant to the stigma of the flower of another plant, it is called cross-pollination. It takes place in maize, papaya and rose etc.

Q6. What are opaque objects?

**Ans 1:** The objects which do not allow light to pass through them are called opaque objects. We cannot see through them.

Q7. How are directions known using a magnetic compass.

**Ans 1:** To perform an experiment to know the use of a magnetic compass.

- 1- To know directions at any place, put a magnetic compass on a table or ground; its needle will stay along the north-south direction.
  - 2- Ensure there is no other magnet or an object made of iron near it.
  - 3- Rotate the compass slowly until the north pole of the needle is aligned with the north direction of the compass.
- In this condition, the magnetic compass will indicate correctly the four directions marked on it.

Q8. Define closed circuit.

**Ans 1:** On turning the switch ON, the circuit becomes complete or closed due to which current starts flowing through it. It is called closed circuit.

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Q9. Give examples of Fishes.

**Ans 1:** Rohu, Shark, cat fish, gold fish, butterfly fish.

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Q10. What are the causes of Air Pollutions.

**Ans 1:** Smoke emitting from vehicles and factories. The poisonous substances are present in the smoke pollute the air. The burning of fuels in the kilns and homes is producing carbon dioxide gas which is polluting air. The fire in the forests also causes air pollution.

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Q11. Write the names of diseases spread by water pollution.

**Ans 1:** Cholera, typhoid, diarrhea, stomach pain, All of these diseases are spread by water pollution.

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Q12. Give examples of kingdom Animalia.

**Ans 1:** Crab, Duck, Rabbit

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Q13. What is Skylab

**Ans 1:** The instruments and devices installed on them send us valuable information regarding their environment. While in space, need was felt to perform experiments in gravity free environment for the purpose, NASA launched a space station called Skylab on May 14, 1973.

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Q14. What is meant by Open circuit.

**Ans 1:** On turning the switch OFF, the circuit becomes incomplete or OPEN, so the current stops flowing through the circuit. It is called open circuit.

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Q15. What is meant by melting.

**Ans 1:** The process of change of solid state into liquid state by absorption of heat is called melting.

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Q16. When a plastic comb is pulled through dry hair, it is negatively charged. What is the charge on the hair? What is the cause of hair to push apart.

**Ans 1:** When a plastic comb is pulled through dry hair, it is negatively charged. While positive on the hair, due to which hair sticks with comb. This is the reason of hair to push apart.

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Q17. Define morning star.

**Ans 1:** The bright object that we see on the horizon just before sunrise or after sunset is the planet Venus. It is also called morning star.

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Q18. How do organisms in the kingdom plantae prepare their food.

**Ans 1:** The organisms of this kingdom have the ability to make their food by using the energy of the sun. So, they have chlorophyll. The organisms included in this are usually green in colour.

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Q19. When a train is moving away from you, will the intensity of its sound increase or decrease.

**Ans 1:** If we move away from the train, the distance from the train will increase. In the same way, the intensity of the sound will decrease.

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Q20. Define Solvent.

**Ans 1:** The substance that dissolves a solute and in more quantity is called solvent. e.g. water

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