

APEEJAY SCHOOL COMMON ANNUAL EXAMINATION -2021-22

SUBJECT – SCIENCE, CLASS – VI

TIME – 2Hrs

M.M. – 50

General instructions

- The question paper consists of two sections A and B. Section A consists of objective type questions and Section B consists of subjective questions.
- All questions are compulsory.
- Marks for each question are indicated against it.
- Attempt all the questions in a proper sequence.
- Draw neat diagrams wherever required.

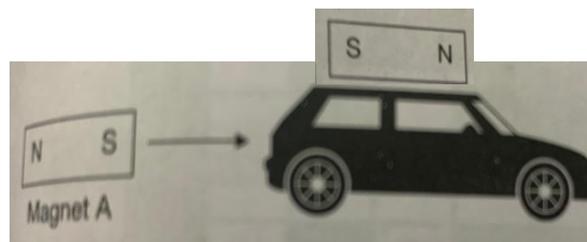
Section-A

A: Choose the correct answer-

(1 x 10=10 Marks)

1. The process of separating cotton fibres from the seed is called-
 - a. Ginning
 - b. Seeding
 - c. Loading
 - d. Knitting
2. The plants cultivated near river Nile in ancient Egypt to obtain fibres for making fabrics are-
 - a. Cotton, Flax
 - b. Cotton, Jute
 - c. Jute, Flax
 - d. Coconut, Cotton
3. Which of the following is a reversible change?
 - a. Curdling of milk
 - b. Burning of Paper
 - c. Ripening of fruits
 - d. Melting of ice cream
4. When ice melts to form water, then a change occurs in its-
 - a. Position
 - b. Temperature
 - c. State
 - d. Composition
5. All wires used in electrical circuits should be covered with-
 - a. Conducting material
 - b. Insulating material
 - c. Metal
 - d. Glass

6. Which of the following animal does not have gills?
- Squids
 - Octopus
 - Dolphin
 - Fish
7. The presence of leaves reduced to needle like structures is the characteristic feature of which habitat?
- Mountains
 - Desert
 - Grassland
 - Rain forest
8. The magnetic field is maximum at
- Middle part of the magnet
 - All places in the magnet
 - Both the poles of magnet
 - Any one pole of the magnet
9. A toy car has a bar magnets fixed as shown in the figure. What would happen if the magnet is moved towards the car as shown in the figure?



- The car will not have any impact due to the motion of the magnet.
 - The car moves away from magnet A.
 - The car moves towards magnet A.
 - The car moves till it is exactly midway between the two magnets.
10. The proportion of oxygen and carbon dioxide in the atmosphere is maintained by
- Only plants.
 - Only animals.
 - Machines.
 - Plants and animals

B: Name the following-

(1x5=5 Marks)

- A condition of extreme dryness due to lack of rain.
- A major gas necessary for combustion.
- A low lying area of ground where the garbage collected from a city is dumped.
- The circulation of water between ocean and land.
- The part of garbage which can rot in nature to form harmless substances.

Section-B

A: Answer the following questions-

1. Describe how jute fibres are obtained from jute plants. (2)
2. A blacksmith heats iron and beats it to give a desired shape. What type of change is this? Explain. (2)
3. Give reasons- (1+1)
 - a. A deer has eyes on the sides of head.
 - b. Submerged aquatic plants have narrow and thin ribbon like leaves.
4. Why do the handles of tools like screwdrivers and pliers usually have a plastic or rubber cover over them? (2)
5. What is the use of compass for sailors? (2)
6. Tina kept two similar plates with equal amount of water, one in sunlight and another in a room. From which plate does water disappear first? Give reason. (2)
7. Give reason (2)
 - a. We should not use wastes that may contain salt, pickles, oil, vinegar and milk as food for red worms in vermicomposting
 - b. We should not dispose off plastic waste by burning.
8. State and explain the steps involved in making fabrics from fibres. (3)
9. a. Draw a circuit consisting of a cell, a torch bulb, switch and connecting wires. (3)
 - b. What is the purpose of switch in the electric circuit?
10. What is the proper way of storing bar magnets when not in use? Draw labelled sketch to show the arrangement. (3)
11. Suggest any three ways to reduce over use of plastics. (3)
12. What do you understand by floods? What are the problems faced by people during a flood condition? (3)
13. Give reasons: (3)
 - a. Water enters an empty bottle only on tilting when it is dipped in a container full of water.
 - b. A candle gets extinguished after sometime when it is covered with a glass.
 - c. A lump of cotton wool shrinks in water
14. Name two sea animals that have a streamlined body. What are the adaptations that helps them to survive underwater? (3)