

MARTHOMA RESIDENTIAL SCHOOL, TIRUVALLA

SECOND TERMINAL EXAMINATION 2017-18

GENERAL SCIENCE

CLASS: IV

TIME: 1 ½ HRS

MARKS: 50

**I. Complete the following (1x10)**

1. Camels that live in hot desert store fat in their----- and their ----- protects them from the heat
2. Amphibians are animals that live both in ----- and -----
3. ----- have breathing roots that grow upwards to absorb----- from the atmosphere
4. When ----- is cooled, it changes back into water and the process is called -----
5. ----- is the safest method of water purification. It kills ----- that cause diseases
6. A rubber band stretches due to ----- force and a ball comes down due to ----- force
7. Moving water has ----- and it is used to generate -----
8. ----- and ----- are the different forms of energy
9. Sun's rays are direct at ----- and slanting in -----
10. Cactus plants commonly grow in ----- and the leaves are modified into----- to reduce loss of water

**II. Choose the correct answer from the box given below(1x5)**

1. It determines the weather of a place
2. It is formed when water drops freeze
3. It changes their colour to match the surroundings
4. It has leaves which are like boxes with hinges

5. It makes an object move

Work , force , chameleons , weather , hail , venus flytrap , dew , sun's heat

**III. Define the following (1x10)**

1. Inclined plane 2. Water cycle 3. Habitat 4. Hibernation 5. Camouflage  
6. weather 7. Evaporation 8. Force 9. Energy 10. Migration

**IV. Answer the following(2x5)**

1. List the adaptations of aerial animals
2. Explain the process of sedimentation and decantation
3. Name one simple machine and mention its use
4. Give two uses of solar energy
5. What are called aquatic plants? What helps duckweeds to float on water

**V. Differentiate between the following(2x5)**

1. Sea breeze and land breeze
2. Simple machine and complex machine
3. Dew and frost
4. Evergreen trees and deciduous trees
5. Lever and pulley

**VI. Draw water cycle and explain the formation of clouds (5Marks)**