



**INDIAN SCHOOL MUSCAT**  
**PRIMARY SECTION**  
**ANNUAL EXAMINATION**  
**2019- 2020**  
**SCIENCE**  
**SET A**



**GRADE IV**

**SET A**

**TOTAL MARKS -30**

**A) Choose the correct option.**

**( 6 x 1 = 6 )**

1.	In coastal areas, the wind blows from the sea to the land during the day. This is called a. Land breeze b. Sea breeze c. Light breeze
2.	A group of stars join to form some patterns in the sky called a. Meteors b. Satellites c. Constellations
3.	Which among the following planets do not have any moon? a. Venus b. Saturn c. Neptune
4.	Which of these substances have definite volume but no fixed shape? a. Water vapour b. Lemon juice c. Book
5.	The force that stops or resists movement in a body a. Gravity b. Friction c. Energy
6.	Which of the following requires the most energy? a. man watching cricket match b. woman bending a metal pipe c. woman cutting vegetables

**B) Name the following.****( 6 x ½ = 3 )**

1.	The imaginary line which divides the earth into two equal halves.
2.	The planet with the most number of rings.
3.	Anything which has weight and takes up space.
4.	The liquid that dissolves a solute.
5.	Energy that is used to run air conditioners.
6.	The electricity generated using flowing water.

**C) Define the following terms.****( 4 x 1 = 4 )**

1.	Water cycle
2.	Magma
3.	Solute
4.	Energy

**D) Answer the following.****( 5 x 1 = 5 )**

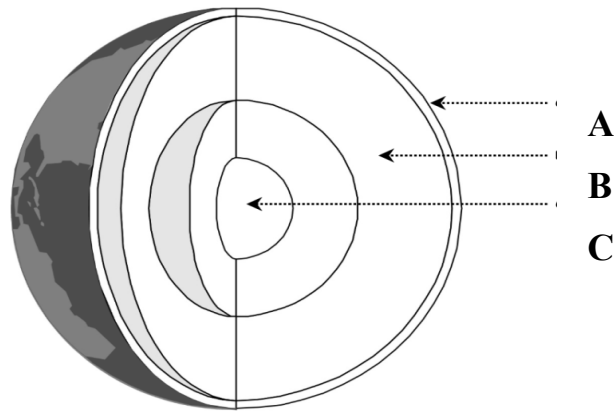
1.	What causes the wind to blow?
2.	What is the role of waterworks?
3.	What helps us to exist on earth?
4.	How can you make a saturated solution of sugar in water?
5.	How are fuels like coal and oil good sources of energy?

**E) Give reasons.****( 4 x 1 = 4 )**

1.	It is warmer in the afternoon than in the morning and evening.
2.	Iron objects are made up of various shapes and sizes.
3.	Venus is called the morning and evening star.
4.	Fruit from a tree always falls to the ground.

**F) 1. Look at the picture and answer the following questions.**

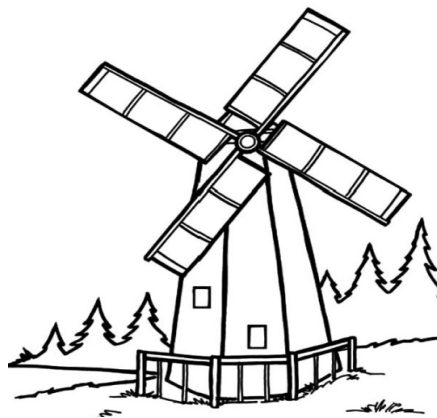
**( 4 x 1 = 4 )**



1. Name the layer A which has conditions suitable for life .

2. Name the hottest part of the earth . What does it contain ?

**F) 2. Look at the picture and answer the following questions.**



1. Identify the picture.

2. From where does it generate electricity ?

**G) Differentiate between ( Write two points of difference for each.)**

**( 2 x 2 = 4 )**

1. Solid and Liquid

2. Rotation and Revolution



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**SET B**



**GRADE IV**

**TOTAL MARKS -30**

**A) Choose the correct option.**

**( 6 x 1 = 6 )**

1.	We feel cold during winter season as the Sun's rays are a. straight b. slanting c. curved
2.	The planet closest to the Sun a. Venus b. Earth c. Mercury
3.	The planets a. give out heat and light. b. reflect the light of the Sun. c. reflect the light of their moons.
4.	When we dissolve sugar in water, we get a a. solvent b. solution c. solute
5.	The force that pulls all the objects to the ground is a. friction b. gravity c. heat
6.	When we use force to move things, a. energy is given out. b. there is friction. c. work is done.

**B) Name the following.****( 6 x ½ = 3 )**

1.	The planet covered by red dust.
2.	A huge ball of hot glowing gases.
3.	An equipment in which metals like iron can be heated in factories.
4.	Anything which has weight and takes up space.
5.	Ability to do work.
6.	Energy which plants use to make food.

**C) Define the following terms.****( 4 x 1 = 4 )**

1.	Hailstones
2.	Solute
3.	Orbit
4.	Friction

**D) Answer the following.****( 5 x 1 = 5 )**

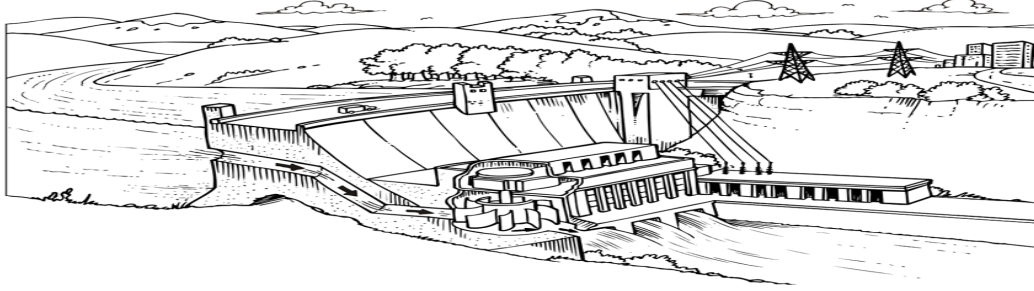
1.	How are snowflakes formed ?
2.	What is land breeze?
3.	What helps us to exist on the earth?
4.	How can you make a saturated solution of salt in water?
5.	What are the main sources of energy?

**E) Give reasons.****( 4 x 1 = 4 )**

1.	Ventilators are constructed above the windows.
2.	When sugar is dissolved in water, the volume of water remains the same.
3.	Stars cannot be seen during the day.
4.	Toy car moves faster on a smooth surface than on a carpet.

**F) 1. Look at the picture and answer the following questions.**

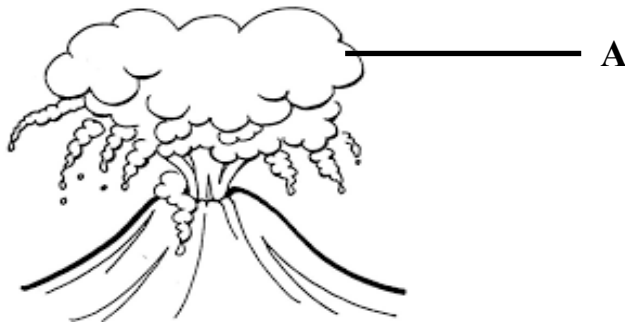
**( 4 x 1 = 4 )**



1. Identify the picture.

2. How is electricity generated here ?

**F) 2. Look at the picture and answer the following questions.**



1. Identify A.

2. What are volcanoes ?

**G) Differentiate between ( Write two points of difference for each.)**

**( 2 x 2 = 4 )**

1. Liquid and Gas

2. Mercury and Jupiter



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**GRADE IV**

**SET C**

**TOTAL MARKS -30**

**A) Choose the correct option.**

**(6 Q x 1 M)**

1.	When volcanoes erupt, _____ flows out and hardens to form rocks. a) lava b) water c) ice
2.	When a pin wheel is placed against wind, it begins to spin. This proves that a) moving air has energy b) pin wheel has energy c) pin wheel has no energy
3.	A _____ has a definite volume but no definite shape. a) solid b) liquid c) gas
4.	All _____ appear as tiny points of light in the night sky. a) planets b) stars c) moons
5.	_____ is the force that stops or resists movement in a body. a) friction b) gravity c) energy
6.	When water vapour condenses on dust particles, it is called _____. a) fog b) dew c) snow

**B) Name the following.****( 6 Q x ½ M)**

1.	The imaginary line that divides the earth into two equal halves.
2.	Equipment in which things can be heated.
3.	The liquid that dissolves a solute.
4.	The planet with the largest number of moons.
5.	Ability to do work.
6.	The energy that we use to run a fan.

**C) Define the following terms.****(4 Q x 1 M)**

1.	Magma
2.	Force
3.	Molecules
4.	Hailstones

**D) Answer the following.****( 5 Q x 1 M)**

1.	How is snow formed?
2.	How can you make a saturated solution of sugar in water?
3.	List two things that a force can do.
4.	What do you mean by the Axis of Rotation?
5.	What is Sea Breeze?

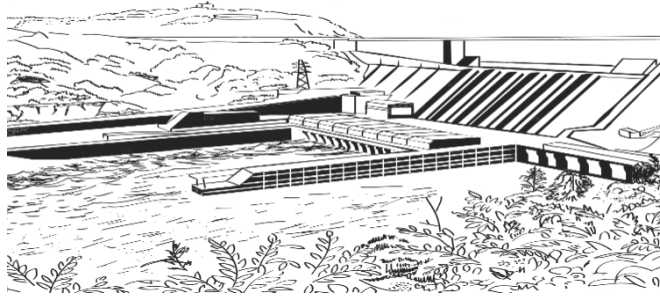
**E) Give reason.****(4 Q x 1 M)**

1.	Ventilators are constructed above the windows.
2.	The stars cannot be seen during the day.
3.	There is no increase in the volume of water when sugar is dissolved in it.
4.	Ice skaters are able to glide smoothly on ice.



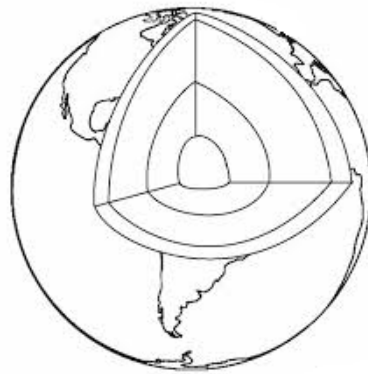
**F) Look at the picture and answer the following questions.**

**( 2 Q x 2 M )**



1. Where is the source of energy obtained from?

2. Name the type of energy generated.



3. Which is the hottest part of the earth and what does it consist of?

4. What is the hot molten rocks that comes out through the earth's crust called?

**G) Differentiate between**

**(2 Q x 2 M)**

1. Rotation and Revolution

2. Solids and Gases



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**GRADE IV**

**SET D**

**TOTAL MARKS -30**

**A) Choose the correct option.**

**( 6 Q x 1 M )**

1.	The planet with the largest number of rings is _____. a) Uranus b) Saturn c) Neptune
2.	While writing with a chalk on the blackboard, we are able to write with the help of this force. a) Frictional force b) Electrostatic force c) Magnetic force
3.	Molecules are tightly packed in a _____ . a) solid b) liquid c) gas
4.	The Sun, Planets and their Moon put together form the _____. a) Lunar system b) Solar system c) Globular system
5.	We feel cold during winter days as the Sun's rays are _____. a) straight b) slanting c) None of the above
6.	When a force moves an object _____ is done. a) energy b) work c) gravity

**B) Name the following.****( 6 Q x ½ M )**

1.	The amount of space matter takes up.
2.	Tiny particles which forms the matter.
3.	Energy that plants use to make food.
4.	The planet farthest from the sun.
5.	The fixed path along which the Earth moves around the Sun.
6.	The force that pulls everything down.

**C) Define the following terms.****( 4 Q x 1 M )**

1.	Water cycle
2.	Magma
3.	Energy
4.	Solute

**D) Answer the following.****( 5 Q x 1 M )**

1.	What is land breeze?
2.	How can you make a saturated solution of sugar in water?
3.	What is constellation? Give one example.
4.	How is snow formed?
5.	How are fuels like coal, oil and gas good sources of energy?

**E) Give reason.****( 4 Q x 1 M )**

1.	The planets appear bright.
2.	There is no increase in the volume of water when sugar is dissolved in it.
3.	We depend on the sun for our energy needs.
4.	Water from the rivers and lakes are pumped into the waterworks in the city.

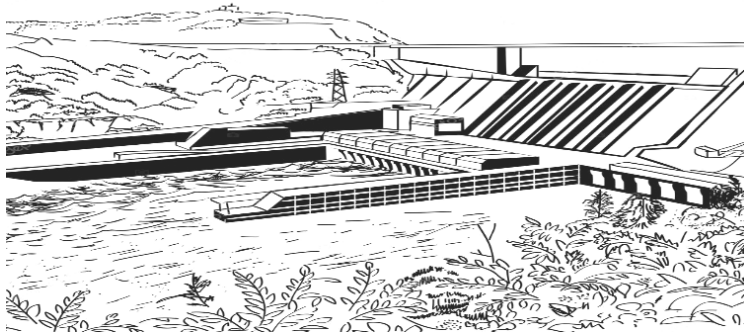
**F) Look at the picture and answer the following questions.**

**( 2 Q x 2 M )**



1. Which part of the earth has all the conditions suitable for life?

2. Where are the hot molten rocks found?



3. Name the type of energy generated.

4. How is it produced?

**G) Differentiate between**

**( 2 Q x 2 M )**

1. Liquids and Gases

2. Rotation and Revolution