



REVISION WORKSHEET – 2 (Integrated Term II Syllabus)

TOPICS: Soil Conservation, Changes in Our Environment, Our Earth's Natural Satellite, Solids, Liquids and Gases

NAME: _____ CLASS / SEC: _____ WEEK – 15.02.2021 to 19.02.2021

EACH CHILD WILL BE ABLE TO :

1. Recollect the different methods of conservation of soil.
2. Recapitulate and assess the changes that have occurred in our environment leading to global warming.
3. Recall and describe the conditions prevailing on moon.
4. Review and analyse the conditions that lead to formation of eclipses.
5. Summarize and relate the properties and molecular arrangement of different kinds of matter.
6. Attempt to answer the questions given in the worksheet correctly.

Let's Revise

(To be done in the notebook)

Q I . Choose the correct option:-

- (i) _____ is a gas released by grass eating animals when they digest food.
a) Methane b) CFC c) Water vapour d) Ozone
- (ii) The Moon is _____ Km away from the Earth.
a) 304 km b) 38400 km c) 3,84,400 km d) 3,84, 440 km
- (iii) _____ have a fixed shape and a definite volume.
a) Solids b) Liquids c) Gases d) both a and b
- (iv) Farmers practice _____ on hills to conserve soil.
a) terrace farming b) growing cover crops c) growing kharif crops d) make bunds

(v) The Moon is a _____ satellite of the Earth.

- a) communication b) weather c) research d) natural

(vi) _____ is a chemical widely used in refrigerators, ACs and industries.

- a) CO₂ b) CFC's c) ozone d) nitrogen

vii) _____ releases CO₂ into the atmosphere.

- a) burning of Wood b) burning of coal c) destruction of forests d) all of the above

(vii) Anything that has weight and occupies space is called _____

- a) molecules b) atoms c) matter d) crystals

(viii) Fertile land can become barren by _____.

- a) digging b) deforestation c) mining d) all of the above

xi) _____ objects allow light to pass through them completely.

- a) Transparent b) Translucent c) Stationary d) Opaque

Q II . Rewrite the following statements correctly:-

a) The bed rock in the soil is best suited for plant growth.

_____.

b) The lunar eclipse always occurs on a new moon day.

_____.

c) Greenhouse effect is caused by the Earth's heat escaping into the atmosphere.

_____.

d) Potassium permanganate, used to kill germs in water, is an element.

_____.

Q III. Give one Example of each of the following:-

a) A greenhouse gas - _____.

b) An effect of climate change- _____.

c) A method for soil conservation- _____.

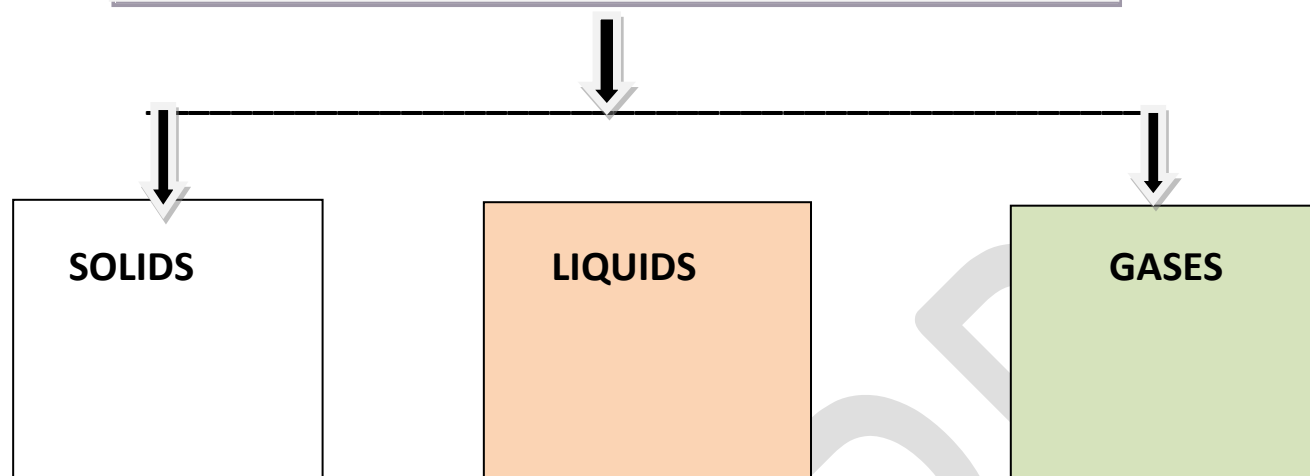
d) A translucent object- _____.

e) A gas used in food packaging - _____.

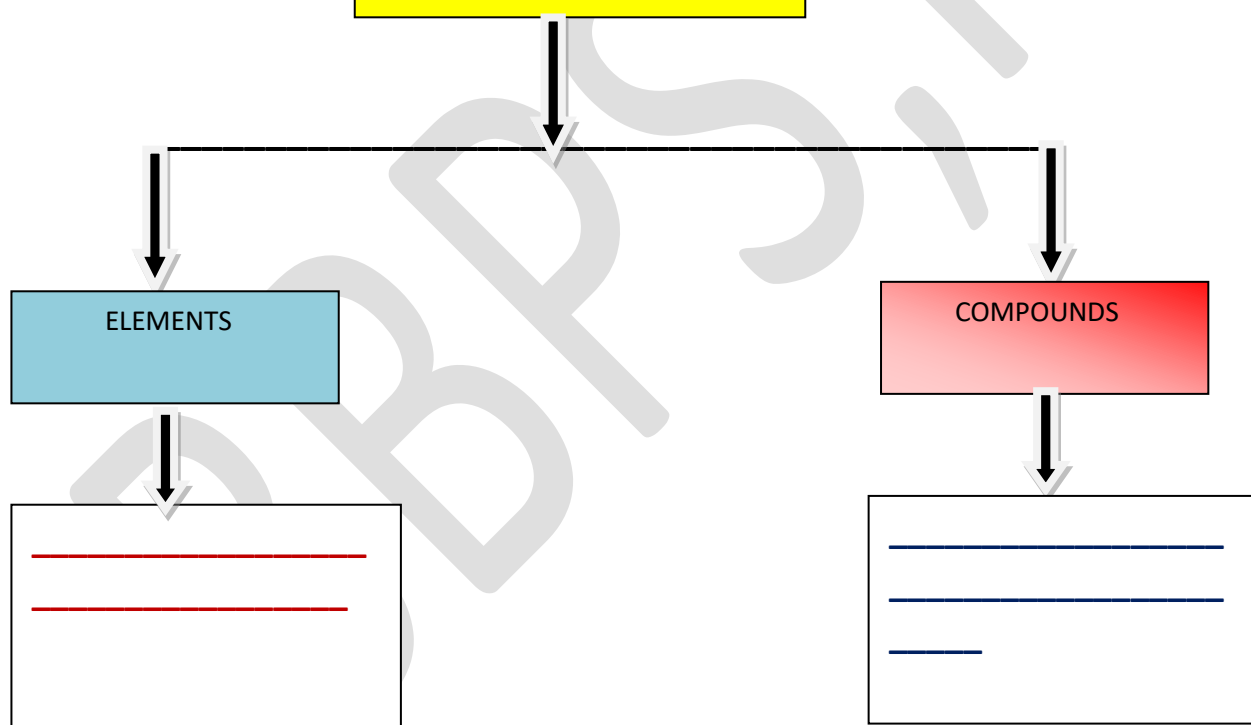
f) Miscible liquids- _____ and _____.

Q IV. Recall and complete the concept maps given below:-

A. INTERMOLECULAR FORCES OF ATTRACTION IN MATTER



B. DIFFERENCES BETWEEN

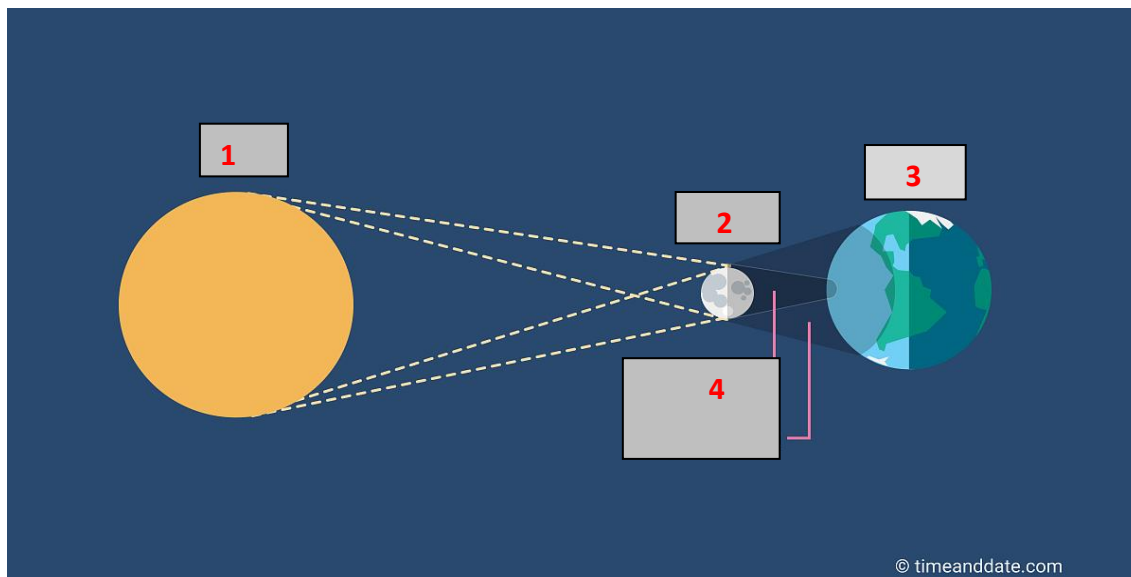


Q V. Complete the series with appropriate words:-

- Liquid: IMS more than solids :: Gases : _____.
- Physical change : reversible :: Chemical change : _____.
- _____ : growing trees :: deforestation : cutting down trees
- _____ : natural satellite :: INSAT 1 A : artificial satellite
- Soluble: sugar::Insoluble:_____

Q VI . Identify the following diagrams and label them accurately:-

A . _____



1. _____ 2. _____ 3. _____ 4. _____

B . Type of Solution - _____



Solute _____ + Solvent _____ = _____ Solution

C. Name the kind of change you see below. Also give a reason for your answer.



Q VII. Name the following:-

- The process in which a solid changes into a liquid on heating- _____
- Warming up of the Earth due to trapped heat in the earth's atmosphere- _____
- A substance that dissolves in another substance- _____
- Preventing the top fertile layer of soil from getting eroded by water or wind- _____
- Kind of change that occurs when flour is kneaded into dough _____

Q VIII. Write short answers:-

- List the conditions necessary for the occurrence of a Lunar Eclipse. (Give three points)
- Life cannot exist on the Moon. Why? (Write any three points)
- Soil is a precious natural resource and hence must be conserved. Comment.
- The entire duration of the complete lockdown showed a remarkable improvement in the air quality. Can you explain why?