

GREENLAWNS HIGH SCHOOL

STD-VI

DIV-A,B,C SUBJECT-SCIENCE

MARKS-80

DATE-20-02-2025

FINAL EXAMINATION

DURATION-2 HOURS

QI] MULTIPLE CHOICE QUESTIONS:

(10)

- 1) 1) Toilets should be constructed in every home and _____ in the open should be stopped.
a) mixing b) defecation c) washing d) cleaning.
- 2) The property of the magnet used by the navigators to find direction.
a) attractive b) repulsive c) directive d) indirective
- 3) The element name for Ca is _____
a) Carbon b) Calcium c) Chlorine d) Copper
- 4) In _____ only a portion of light is blocked by the obstacle.
a) eclipse b) umbra c) candle d) penumbra
- 5) An environmental area where an organism can find food, shelter, protection and can reproduce.
a) habitat b) garden c) ecosystem d) all of these
- 6) _____ in nature maintains climatic conditions.
a) water stream b) rain water c) water cycle d) water vapour
- 7) _____ is generally a liquid which dissolves some solids in it.
a) solution b) solute c) solvent d) none of these
- 8) Magnets can lose their _____ if they are not kept, stored and handled properly.
a) weight b) magnetism c) color d) size
- 9) Trees mostly found in mountain habitat like pine, fir and larch are known as _____ trees.
a) deciduous b) evergreen c) coniferous d) fruit
- 0) Solar eclipse always occurs on a _____ day.
a) full moon b) quarter moon c) half moon d) new moon

QII] MATCH THE FOLLOWING:

(5)

- | | |
|------------------|---|
| 1) Aerial plants | A] impure substance. |
| 2) Copper | B] absorbs dissolved oxygen present in water. |
| 3) Solid | C] non- magnetic metal. |
| 4) Tea | D] grow upon other plants or on walls. |
| 5) Fish | E] snow. |

QIII] A. **TRUE OR FALSE:** (If false, correct the underlined word) (8)

- 1) Gold and silver form diatomic molecules.
- 2) Surface water is found in the form of vapour in air.
- 3) lodestone is triferric tetroxide an oxide of iron.
- 4) The individual elements lose their original properties during physical combinations to form a compound.
- 5) Laboratories require pure water.
- 6) Chemical name for Vinegar is Carbonic acid.
- 7) Magnets stored in wooden or paper boxes with a soft silver piece across the poles is called magnetic keepers.
- 8) Aerial plants derive moisture and nutrients from the air, rain and sometimes from the debris accumulating around them.

QIII] B **NAME THE FOLLOWING:** (7)

- 1) Dark area behind an opaque object when light falls on opaque object.
- 2) Symbol for the element Boron.
- 3) Chemical name for Common Salt.
- 4) Percentage of water contained in human body by weight.
- 5) Animal from the mountain habitat who have eight teeth in front which helps them to easily grab a big patch of grass.
- 6) The process in which the water is boiled and the vapours are condensed to get pure water.
- 7) Lack of water in human body leads to a fatal condition.

QIV] **DEFINE:** (5)

- 1) Molecule
- 2) Solution
- 3) Magnetic field
- 4) Eclipse
- 5) Aerial animals

QV] **DIFFERENTIATE BETWEEN:** (5)

- 1) Pure and impure substances (w.r.t definition)
- 2) Water hyacinth and hydrilla (w.r.t their location in ponds)
- 3) Diatomic and mono atomic molecule (w.r.t no of atoms)
- 4) Magnetic and non- magnetic substances. ((w.r.t definition)
- 5) Saturated and unsaturated solution. (w.r.t definition)

QVI] ANSWER IN ONE WORD:

(8)

- 1) Presence of which gas in small amount in water quenches thirst?
- 2) What is the inner dark part of the shadow called?
- 3) Plants in desert have modified their leaves as?
- 4) What is a uniform mixture of a solute and solvent known as?
- 5) Diseases that spread through unclean water are called?
- 6) What is stored in the hump of the Camel's body?
- 7) What is chemical symbol for Sulphur?
- 8) What penetrates through the soil and gets collected as underground water table?

QVII] GIVE REASON:

(5)

- 1) Milk is an impure substance.
- 2) One can see the candle flame through a straight tube and not through a bend tube.
- 3) Poles of magnet cannot be separated from each other.
- 4) Adequate intake of water is essential to maintain a balance in humans.
- 5) Aerial animals have hollow bones.

QVIII] ANSWER THE FOLLOWING:

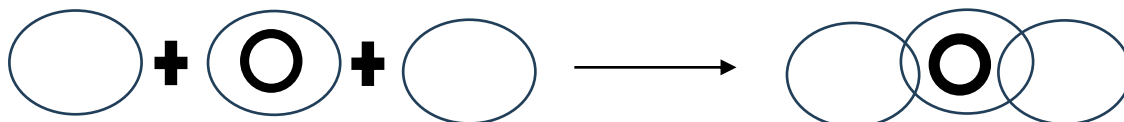
(16)

- 1) State the names of any four types of magnet.
- 2) What is lunar eclipse? Why is it caused?
- 3) What are compounds? How are compounds obtained?
- 4) State any two importance of water w.r.t plants, animals and humans.
- 5) What are the two qualities that potable water should contain?
- 6) What are magnetic lines of force? Why is the magnetic field intensity high at the poles?
- 7) State the physical features of water lily with respect to its stems and leaves. Give two examples of water lily.
- 8) Mention the first two steps needed to obtain potable water from natural water.

QIX] OBSERVE THE FOLLOWING AND ANSWER TO THE QUESTIONS GIVEN BELOW:

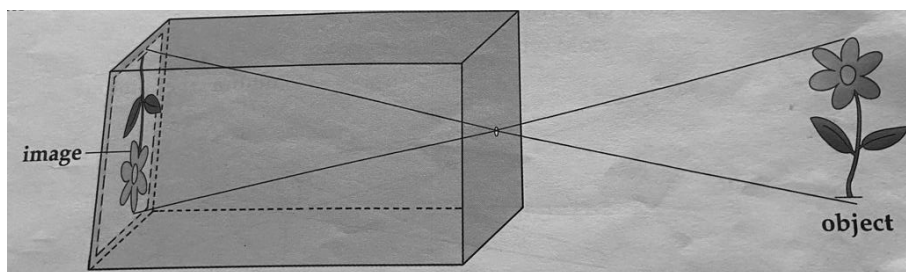
(6)

A



- 1) State the two kinds of atoms combined to form a molecule.
- 2) Name the molecule formed.

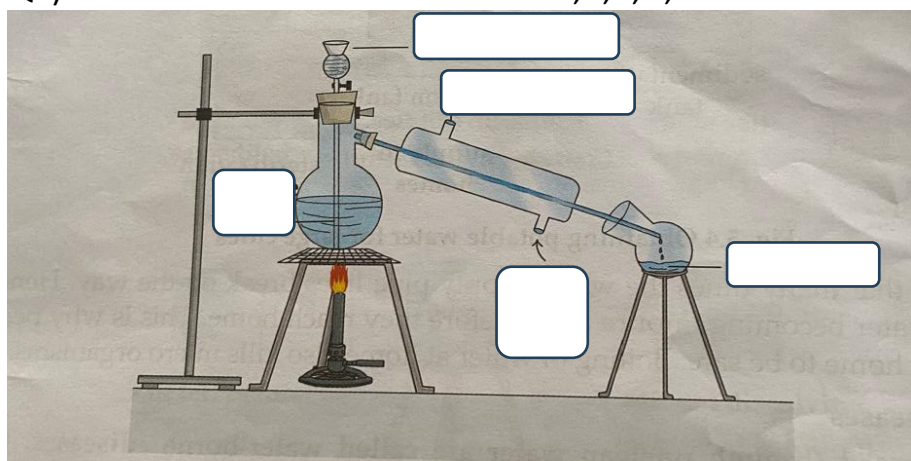
B



- 1) State the name of the camera.
- 2) What type of image is formed in the camera?
- 3) State the relation between size of the image and clarity of the image.

QX) LABEL THE GIVEN DIAGRAM AS A,B,C,D,E

(5)



***** ALL THE BEST*****