

NAME - KULDEEP ROUTRAY .

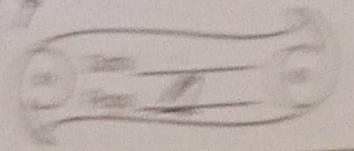
SC.NO - 10462 .

CLASS - vi

SEC. - 'A'

SUB - GENERAL SCIENCE .

NAME - KULDEEP ROU TRAY



SECTION-A

1. Jules Janssen discovered the Helium
2. A 'molecule' consisting of only one atom (e.g. Ar or He), distinguished from diatomic and polyatomic molecules
3. The diameter of a molecule is approximately 10^{-9} m

SECTION-B

4. The force of cohesion is the attraction between the molecules of similar kind. For example the forces between water molecules, the force of

cohesion keep the molecules of the substance bound together. Therefore of adhesion is the attraction between different types of molecules.

5 Alchemists created substances through a seemingly magical process.

Alchemy and alchemists are older terms used for chemistry and chemists.

An alchemist named Nicolas Flamel claimed to transform metals into gold.

6. ~~Wh~~ False fruit is a fruit in which some of flesh is not derived from the ovary but some adjacent tissues exterior to the carpel. False fruits also called pseudo fruit or pseudocarp.

Examples of such fruits are strawberry, pineapple, mulberry, apples, pears etc.

7- Fill in the blanks

(i) Bordeaux Mixture is a fungicide that protect crops from fungi.

(ii) Food items like jams and pickles are protected by using Sodium benzoate.

(iii) The chemicals prescribed by doctors in treatment of infectious disease are called Antimicrobials/antibiotics

(iv) Mortar is used as a fill the gaps between the bricks

B- Give the importance of chemistry in the field of communication.

Ans. Chemicals are involved in energy production, food safety, forensic bio medical technology, ecosystem sustainability

8. Solid is the state in which matter maintains a fixed volume and shape; liquid is the state in which matter adapts to the shape of its container but varies only slightly in volume; and gas is the state in which matter expands to occupy the volume and shape of its container.

SECTION D

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