

Qa Describe water pollution and its sources. Also describe its causes.

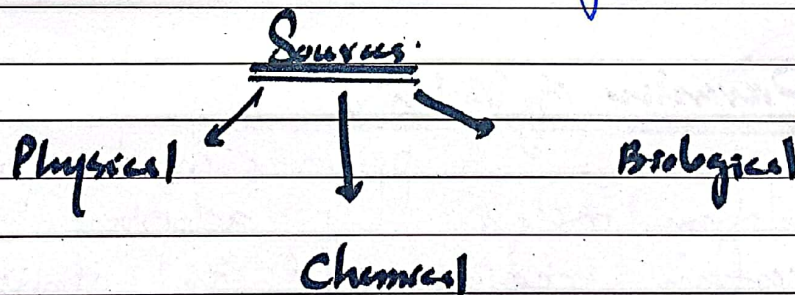
Water Pollution

"Unpleasant quality of water, known as water pollution."

Water pollution is changed quality of water. In fact, unusable form of water for desired use, is called water pollution.

Sources of Water pollution

Following are sources:



a) Physical source of water pollution

"Physical change in water quality, termed as physical water pollution."

Physical water sources changes physical form of water.

i.e., bottles, plastics etc

b) Chemical source of water pollution

"Water pollution led by chemicals known as chemical form of water pollution"

Chemical source of water pollution can include chemicals quantity
i.e. Chlorine gas and CFCs

c) Biological source of water pollution

"living organisms when lower quality of water, called biological cause of water pollution"

Biological source of water pollution is most of the time natural source.

i.e., algae and micro-organisms

Causes of Water Pollution

Following are causes:

1) Domestic wastes

Domestic wastes in water leads to water polluted.

i.e., sewage water

ii) Industrial wastes

Industrial wastes also damage quality of water.
i.e., untreated dirty water flow into rivers

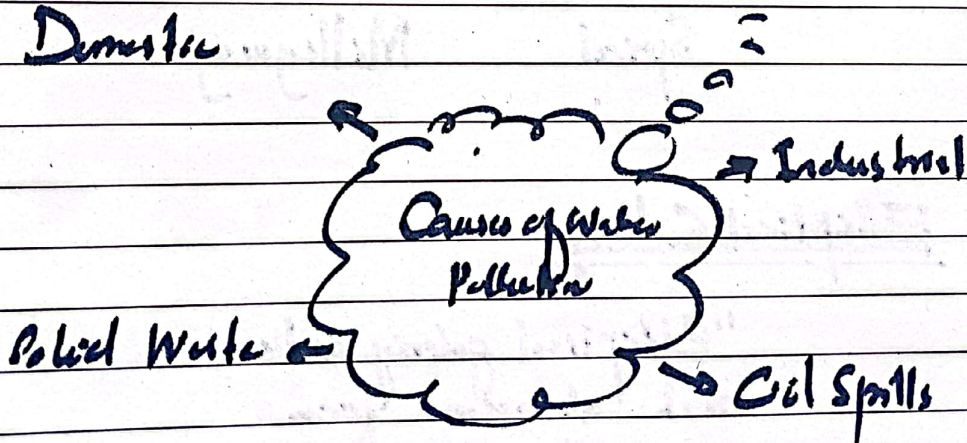
iii) Oil Spills

Oil Spills are common hurdle in water quality.
i.e., factories oil and homes

iv) Solid Wastes

Moreover, solid wastes is also another the biggest water problem.
i.e., biodegradable and recyclable wastes

Domestic



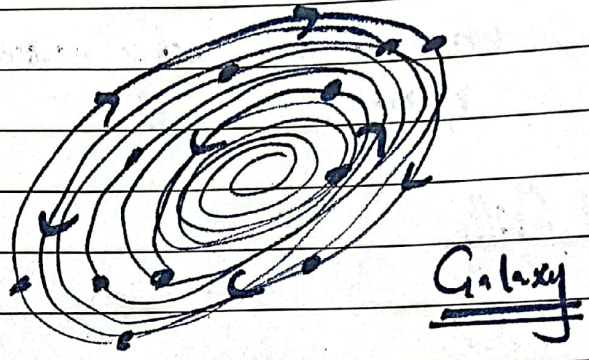
Q6) Describe galaxy. Also describe its types

Galaxy

"Galaxy is the foundation of the universe."

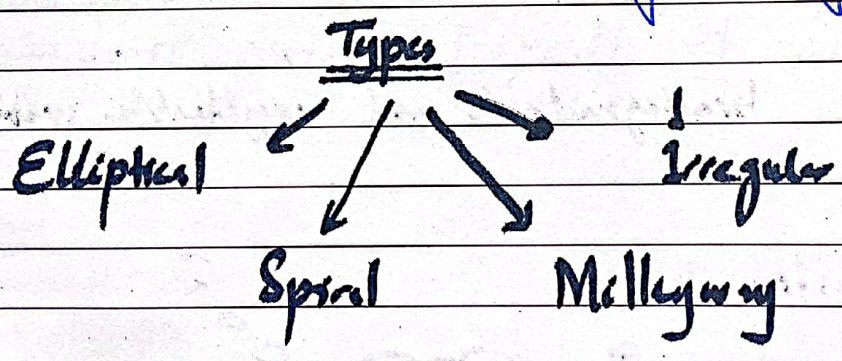
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Galaxy is the foundation of the universe. In fact, collection of hundreds of thousands of millions of galaxies form the universe.



Types of Galaxy

Following are types:



i) Elliptical Galaxy

"Elliptical galaxy is the most abundant form of galaxy."

Elliptical galaxy is spherical (or) shaped galaxy. It is a featureless galaxy.

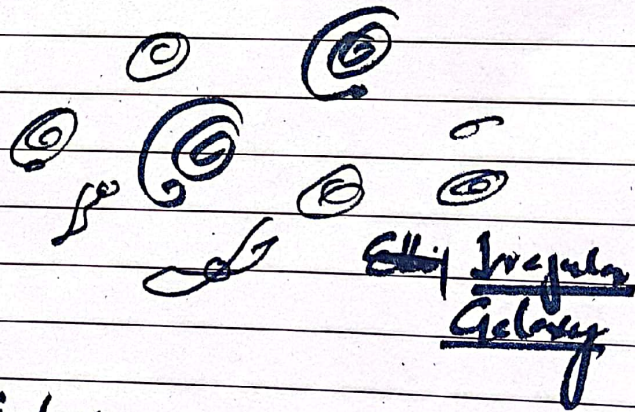


Elliptical
galaxy

ii) Irregular Galaxy

"Irregular galaxy is a shapeless galaxy."

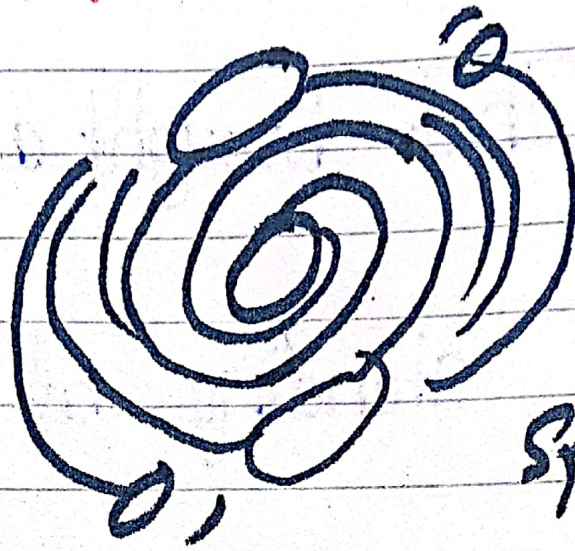
Irregular galaxy is combination of stars, gas and dust particles. These are the smallest in number.



iii) Spiral Galaxy

"Spiral galaxy is spirally shaped galaxy."

Spiral galaxy is also -
Composed of dust particles and gas.
It extends outward.

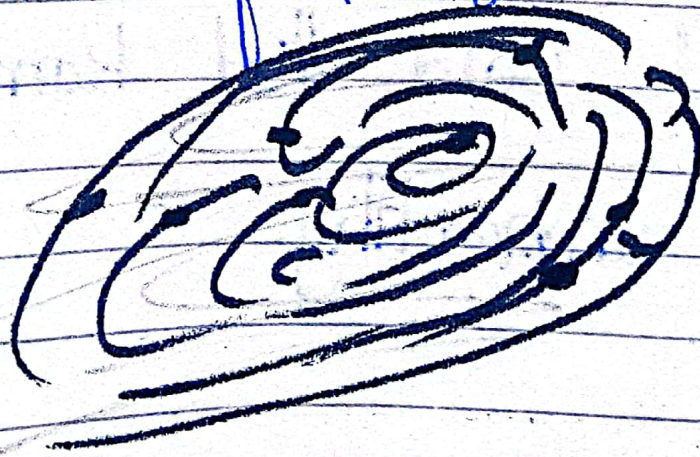


Spiral galaxy

(iv) Milky way galaxy

The most populated form of galaxies

Milky way galaxy is the most abundant form. In fact, Milky way galaxy is composed of about twenty billions of stars.



Milky way galaxy

Q 1) Describe chemical bonding.
Also describe three types.

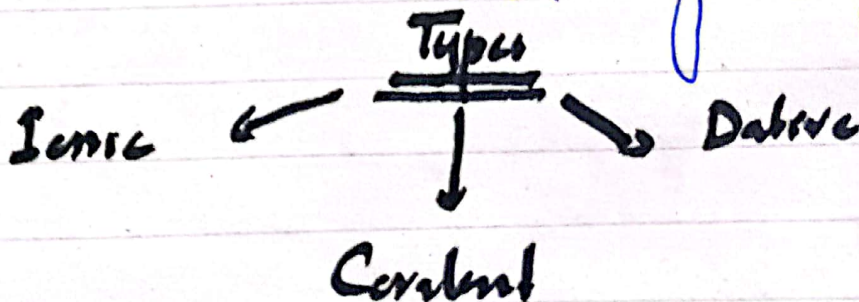
Chemical bonding

'Chemical bonding is a force of attraction that holds atoms together.'

A force of attraction between atoms to hold them together, known as chemical bonding.

Types of Chemical Bonding

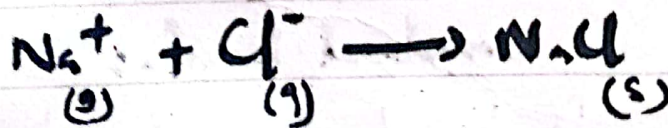
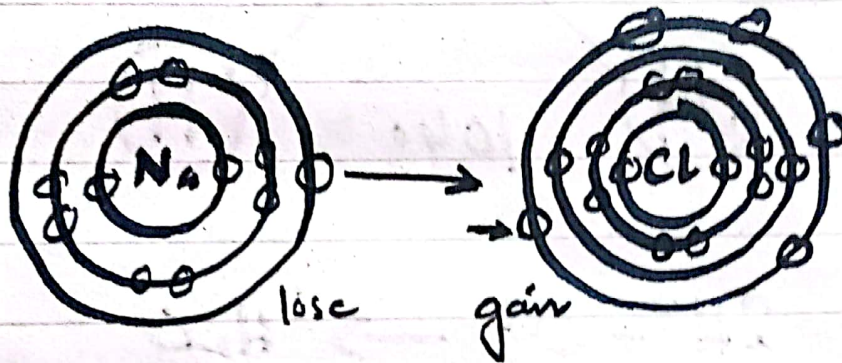
Following are types:



a) Ionic Bonding
'losing and gaining'

of atoms with respect to bond formation.
 Ionic bonding is formed when an atom loses or gains electron.

e.g., NaCl

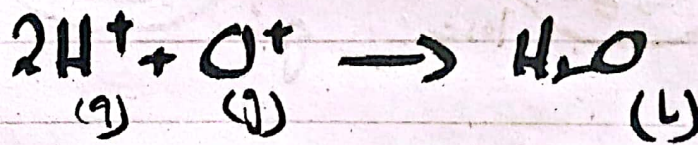
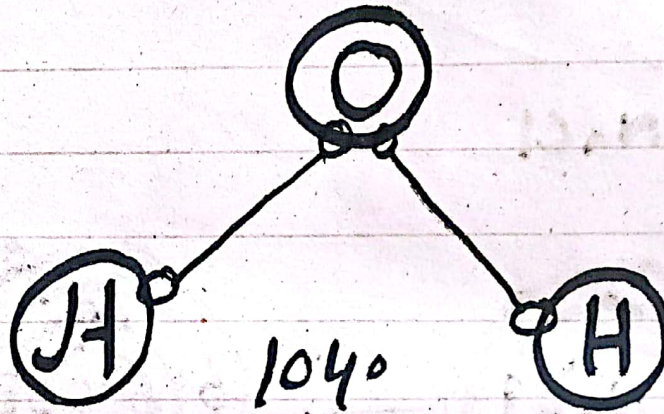


b) Covalent bond

A bond is formed by sharing p.e.

A covalent bond is formed

by sharing of electrons from both atoms.



c) Dative bond

'Dative bond' is known

as coordinate

covalent bond.

A bond that is formed due to donating and accepting of atoms.



