

(Please take a printout of the assignment)

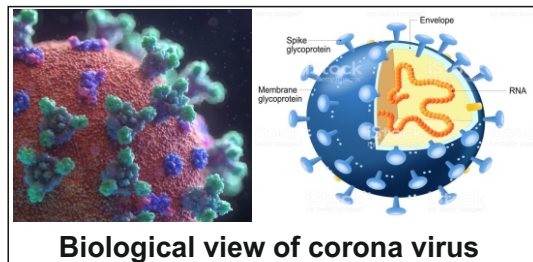
Know more about COVID-19

COVID-19 and its origin

Coronaviruses (CoV) are a large family of viruses that cause illness ranging from the common cold to more severe diseases such as Middle East Respiratory Syndrome (MERS-CoV) and Severe Acute Respiratory Syndrome (SARS-CoV).

Coronavirus disease (COVID-19) is a new strain that was discovered in 2019 and has not been previously identified in humans. The first Corona virus was discovered in 1960s.

Coronaviruses are zoonotic, meaning they are transmitted between animals and people. The origin theory for the virus is supplemented by preliminary research into the disease's genome, as well as the origins of similar diseases. Researchers at the Shanghai Public Health Clinical Centre published the genome of COVID-19 two weeks after cases were reported in late December 2019. Gene sequencing analysis strongly suggests the virus originated in bats and was transferred to humans through a yet-unidentified intermediary species.

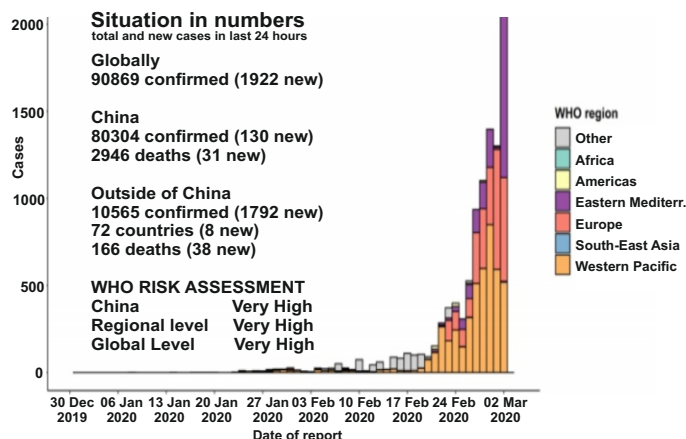


Biological view of corona virus

Global outbreak of COVID-19

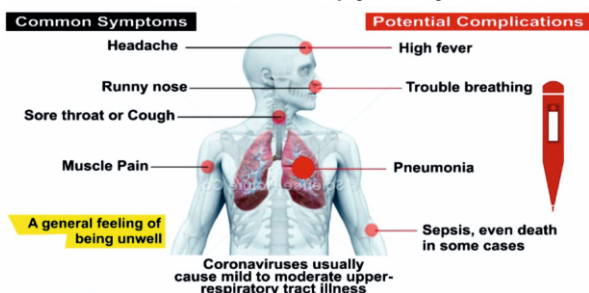


Statistical data related to COVID-19



COVID-19 WATCH OUT FOR THESE SYMPTOMS

A little alertness can help you stay safe



Do's and Don't's

Do's	Don't's
Wash hands frequently	Don't plan for outdoor trips.
Maintain social distancing of at least 1 metre / 3 ft.	Avoid touching eyes, nose and mouth with your own hands.
Practice respiratory hygiene (Hydrate your throat regularly)	Don't ignore dry cough with high fever.

Relevant links :

<http://covidout.in/>
<https://youtu.be/EbLD-xT-mSw>
<https://www.who.int>

Myths

- Protection from COVID-19 by gargling with bleach or taking acetic acid.
- Virus was deliberately created or released by people.
- Virus transmitted through mosquito bite.

Facts

- Gargling with bleach is dangerous instead drink luke warm water.
- Virus common in pigs and bats undergoes changes and passes to humans.
- Virus spreads through infected person's saliva and droplets

Activity and Research Based Assignment

Q.1. Create a Tabular format including all the diseases with similar symptoms, causative organisms, treatment, prevention and control.

Ans.:

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Q.2. Research and explain the origin and first outbreak of COVID-19 in 2020..

Ans.:

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Q.3. "Is media being rightly used to disseminate information regarding COVID-19". Justify.

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Note : Please attach a sheet in case needed.

For more informations visit <https://www.who.int>

Complete this assignment and hand it over to the Class Teacher of your new class on the first day of school