

## **Effect of Lock Down on Humans, Animals and Environment**

COVID-19(Coronavirus disease- 2019) is an infectious disease caused by severe acute respiratory syndrome coronavirus 2 (SARS–COV- 2).This disease was first originated in Wuhan(CHINA) in December 2019 & has since spread globally resulting in world wide pandemic disease. WHO declare the virus pandemic on march 11 and said that it was “deeply concerned by the alarming level of spread and severity” of the outbreak. This virus thought to be natural. Researcher believe that it is of animal origin but the actual origin is not known till now. COVID- 19 affects different people in different ways and most infected people shows common signs like fever, coughing and difficulty in breathing. The incubation period is of 1 to 14 days. It is contagious before the symptoms appear. Children upto age group less than 10 years, women who are pregnant and old people more than 60 years have a higher risk of developing the severe disease and death. As per the recent data more than 2.17 million case has been reported across worldwide. The mortality rate of infection is less. Countries like China, America, Spain, Italy has experienced great number of cases.

Coronavirus has results in countless changes in our daily life. As we take the example of our country the COVID-19 had a great impact on human, animals and environment. There is lockdown in whole country due to which all schools, colleges, industries, transportation has been closed and many people have been asked to work from home. This result in increase anxiety level of daily earning workers, they had a fear of job loss. Experts said that there is high stress due to current crisis upon employs as well as organization, leads to increase in emotional challenges upto many folds. Migrants workers make the journey to their villages on their feet. As result many of them face the problem like food, daily requirement etc. There is effect on wide spread distribution of milk, vegetables among people. As the schools, colleges remain shut down, students had to continue their study through online classes, some of them faces the problem of bad internet connection. and they have to spent most of time in their homes. Parents who are managing work from home facing problems with their children. They have to adopt themselves to work overnight and this result in stress. During to this period, cases of domestic violence increased among women. National Committee for Women has receiving many complains on domestic violence.

COVID -19 has not only affect the humans but also the animals. The major effect has been seen in Poultry industry. Due to fall in demands, the chicken prices had dropped by 70%. COVID-19 is not affecting pets, but common in several species of animal including cattles, horses, dogs, cats, camels, bats, lion and many more. It is zoonotic disease, meaning it jumped from animals to humans. Now, it seems to be jumping back. Due to this the zoo animals getting sick and missing human attention.

The virus has left positive and negative effect on environment. There is great decrease in the level of air and water pollution. The level of CO<sub>2</sub> is decrease due to closure of factories, transportation results in better air quality. As the nation restrict all type of movement, it has effected human life very badly, overloaded hospitals, unemployment, and the prices of food product have been increased in many countries, leads to economics disaster and results in depression. This pandemic is already leading to huge reduction in air pollution in those regions that has been affected by

COVID -19. As industries and vehicle are concern with main source of NO<sub>2</sub>, when these sources are essentially turned off, results in clear up of atmosphere. Reduction on the amounts of transport on the road in some country are one of the clearest impacts of work from home and social distancing policies. All these results in climate change of nature. Use of CFCs is almost decrease which result in healing of ozone layer. Due to lockdown period people start consuming traditional food items such as kachnar, tardhi, papaya, etc.

To date there are no specific vaccine or medicine for COVID -19. All the medical and research institute are researching for medicine and vaccine. The best way to prevent from infection is to avoid or limit contact with people who are showing symptoms of COVID-19. Always maintain social distance from the other people approximately 6 feet. Wash your hand for at least 20 seconds at a time. Do not touch your face, eyes, nose, mouth when your hand are dirty.

So protect yourself and others around you by knowing the facts and taking appropriate precautions. Follow advice by your local public health agencies, like clean your hands by use soap, water and sanitizer maintain a safe distance from anyone who is coughing and sneezing. Cover your nose, mouth with bend elbow or tissue while cough and sneeze. If anyone have fever, cough and difficulty in breathing visits the near by heath care center. Follow the government advice, use of Aarogya Setu app for self check up.

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