

Animal welfare is closely linked with public health, eco. and a biodiversity con. Discuss this in context of H5N1 outbreak

The H5N1 avian influenza outbreak has spread to over 80 countries affecting animals, humans and ecosystems reversing the one health concept.

Animal welfare and one health

One Health is the concept of preserving the health of human, animals and ecosystems. The H5N1 originated in the poultry sector.

Animal health

The birds are crowded in cages with poor ventilation and food, causing the spread of diseases to other species.

Instances of milk yields contaminated by H5N1 virus are being reported

Human health

The current influenza can easily infect humans. As per the World Health Organization the human fatality was at 55% during 2020.

Ecosystem health

These viruses mainly emerge due to increased deforestation. The virus also affects the ecosystem by making the recipient of virus as zombies of future outbreaks.

Towards one health

India ~~is~~ enforces one health approach through National One-Health mission co-ordinated efforts from industries, regulators are needed to stop the spread.